



State of California  
The Resources Agency  
Department of  
Water Resources

UNIVERSITY OF CALIFORNIA  
DAVIS  
OCT 13 1983  
GOV'T. DOCS. - LIBRARY



# Kaweah River Flows, Diversions and Storage 1975-1980

Bulletin 49-F  
September 1983



**Department of  
Water Resources  
Bulletin 49-F**

# **Kaweah River Flows, Diversions and Storage 1975-1980**

**September 1983**

**Gordon K. Van Vleck**  
Secretary for Resources

**George Deukmejian**  
Governor

**David N. Kennedy**  
Director

**The Resources  
Agency**

**State of  
California**

**Department of  
Water Resources**





## FOREWORD

Bulletin 49F is the seventh in a series of reports published by the Department of Water Resources and its predecessors under cooperative agreement between the Kaweah Delta Water Conservation District, the Kaweah and St. Johns Rivers Association, and the State of California.

The first report, Bulletin 49, entitled "Kaweah River Flows, Diversions and Service Areas", was published in 1940 and presented all data available through September 30, 1939 covering some 22 years of record. Subsequent bulletins have been published through September 30, 1975 as 49A, 49B, 49C, 49D, and 49E.

Terminus Dam was completed in May 1962, at which time an interim contract between the U. S. Corps of Engineers and downstream interests was initiated for storage in Terminus Reservoir which changed the delivery schedules of Kaweah River water. On March 1, 1974, a new operation agreement was approved by the various agencies. A copy of this agreement is presented in Appendix D to Bulletin 49E.

The Department of Water Resources entered into Cooperative Agreement No. 162694 on October 9, 1980 with the Kaweah Delta Water Conservation District and the Kaweah and St. Johns Rivers Association to compile and publish this bulletin, which presents data for the period October 1, 1975 through September 30, 1980.



David N. Kennedy, Director  
Department of Water Resources  
The Resources Agency  
State of California



## TABLE OF CONTENTS

	<u>Page</u>
FOREWORD . . . . .	iii
ORGANIZATION . . . . .	xiii
ACKNOWLEDGMENT . . . . .	xiii
CALIFORNIA WATER COMMISSION ORGANIZATION . . . . .	xiv
COOPERATIVE AGREEMENT . . . . .	xv
INTRODUCTION . . . . .	1
APPENDIX A: STREAMFLOW RECORDS . . . . .	3
APPENDIX B: CANAL DIVERSIONS AND CENTRAL VALLEY PROJECT DELIVERIES . . . . .	47
APPENDIX C: STORAGE OPERATIONS . . . . .	195
CONVERSION FACTORS . . . . .	(inside back cover)

## TABLES

### Appendix A - Streamflow Records

<u>Number</u>		
A-1	Kaweah River at Three Rivers . . . . .	6
A-2	South Fork Kaweah River at Three Rivers . . . . .	9
A-3	Dry Creek near Lemoncove . . . . .	12
A-4	Cottonwood Creek near Elderwood . . . . .	15
A-5	Sand Creek near Orange Cove . . . . .	18
A-6	Hawkeye Ditch . . . . .	21
A-7	Lemoncove Ditch . . . . .	24
A-8	Foothill Ditch . . . . .	27
A-9	Foothill Ditch Water Transferred to Tulare County . . . . .	30
A-10	Wutchumna Ditch . . . . .	32
A-10a	Wutchumna Ditch for Hawkeye Ditch . . . . .	35

TABLES  
(continued)

<u>Number</u>		<u>Page</u>
A-10b	Wutchmuna Ditch for Transfer . . . . .	36
A-11	Kaweah River at McKay Point Total Flow . . . . .	37
A-12	Lower Kaweah River below McKay Point . . . . .	40
A-13	St. Johns River below McKay Point . . . . .	43

Appendix B - Canal Diversions and  
Central Valley Project Deliveries

Lower Kaweah River

B-1	Hamilton Ditch . . . . .	50
B-2	Hanna Ranch Riparian . . . . .	53
B-3	Consolidated Peoples Ditch . . . . .	56
B-4	Lower Kaweah below Peoples Ditch . . . . .	59
B-5	Deep Creek . . . . .	62
B-6	Crocker Cut for Tulare Irrigation District . . . . .	65
B-7	Tulare Irrigation Company . . . . .	68
B-8	Fleming Ditch . . . . .	71
B-9	Packwood Creek from Lower Kaweah . . . . .	74
B-10	Oakes Ditch . . . . .	77
B-11	Evans Ditch . . . . .	80
B-12	Mill Creek (Lower Kaweah River) . . . . .	83
B-13	Persian Ditch at Mill Creek . . . . .	86
B-14	North Branch Persian Ditch . . . . .	89
B-15	Watson Ditch . . . . .	92
B-16	Elk Bayou at Road 96 . . . . .	95

TABLES  
(continued)

<u>Number</u>		<u>Page</u>
	<u>St. Johns River</u>	
B-17	Longs Canal . . . . .	98
B-18	Sweeney Ditch . . . . .	101
B-19	Ketchum Ditch at Head . . . . .	104
B-19a	Ketchum Ditch (a) . . . . .	107
B-19b	Ketchum Ditch (b) . . . . .	110
B-20	Packwood Canal from St. Johns River . . . . .	113
B-21	Tulare Irrigation District from St. Johns River . . . . .	116
B-22	Fisher Ranch Riparian . . . . .	119
B-23	Mathews Ditch . . . . .	122
B-24	Uphill Ditch . . . . .	125
B-25	Modoc Ditch . . . . .	128
B-25a	Modoc Ditch (a) . . . . .	131
B-26	St. Johns Ditch . . . . .	132
B-27	Goshen Ditch . . . . .	135
B-27a	Goshen Ditch (a) . . . . .	138
B-28	Harrell Ranch - Upper Diversion . . . . .	140
B-28a	Harrell Ranch - Lower Diversion . . . . .	143
B-28b	Harrell Ranch - South Side St. Johns River . . . . .	146
B-28c	Harrell Ranch - South Side St. Johns River at Road 92 . . . . .	149
B-29	Lakeside Ditch . . . . .	151
B-30	Kings River Water through Lakeside Headgate . . . . .	154
B-30a	St. Johns River Water through Lakeside Headgate . . . . .	157
B-30b	Other St. Johns River Sources through Lakeside Headgate . . . . .	159

TABLES  
(continued)

<u>Number</u>		<u>Page</u>
B-30c	Other Water through Lakeside Headgate . . . . .	160
B-30d	St. Johns River Water Released from Lakeside Storage . . .	162
B-31	Lakeland Canal No. 2 for Corcoran Irrigation District . . .	164
B-32	Tulare Irrigation District from Wutchumna Ditch . . . . .	166
B-33	Kaweah River Water in Cross Creek below Kansas Avenue . . .	169
<u>Central Valley Project Deliveries</u>		
B-34	Central Valley Project Water to Tulare Irrigation District at Friant-Kern Canal . . . . .	170
B-34a	Central Valley Project Water to Tulare Irrigation District at St. Johns River . . . . .	173
B-34b	Central Valley Project Water to Tulare Irrigation District at Lower Kaweah River . . . . .	175
B-34c	Central Valley Project Water to Tulare Irrigation District through Lakeside Headgate . . . . .	178
B-35	Central Valley Project Water to Kaweah Delta Water Conservation District at St. Johns River . . . . .	179
B-35a	Central Valley Project Water to Kaweah Delta Water Conservation District at Lower Kaweah River . . . . .	181
B-35b	Central Valley Project Water to Kaweah Delta Water Conservation District at Friant-Kern Canal . . . . .	182
B-35c	Central Valley Project Water to Kaweah Delta Water Conservation District through Lakeside Headgate . . .	183
B-36	Central Valley Project Water to Lakeside Irrigation Water District at St. Johns River . . . . .	184
B-36a	Central Valley Project Water to Lakeside Irrigation Water District through Lakeside Headgate . . . .	185
B-37	Central Valley Project Water to Kings County Water District at St. Johns River . . . . .	186
B-37a	Central Valley Project Water to Kings County Water District at Lower Kaweah River . . . . .	188

TABLES  
(continued)

<u>Number</u>		<u>Page</u>
B-37b	Central Valley Project Water to Kings County Water District through Lakeside Headgate . . . . .	189
B-37c	Central Valley Project Water from Kings County Water District through Lakeside Headgate . . . . .	190
B-37d	Central Valley Project Water to Kings County Water District at Kings River Wasteway . . . . .	191
B-38	Central Valley Project Water to City of Visalia at St. Johns River . . . . .	192
B-39	Central Valley Project Operational Spill at St. Johns River . . . . .	194

Appendix C - Storage Operations

C-1	Hawkeye Ditch . . . . .	198
C-2	Hamilton Ditch . . . . .	203
C-2a	Hamilton Ditch from Foothill Ditch . . . . .	208
C-3	Consolidated Peoples Ditch Company . . . . .	209
C-4	Consolidated Peoples Ditch Company from Sweeney Ditch Storage . . . . .	214
C-5	Consolidated Peoples Ditch Company from Farmers Ditch Storage . . . . .	216
C-6	Farmers Ditch Company . . . . .	217
C-7	Tulare Irrigation District Transferred from Hawkeye Ditch . . . . .	221
C-7a	Tulare Irrigation District Transferred from Fleming Ditch . . . . .	224
C-8	Tulare Irrigation District from Crocker Cut . . . . .	225
C-9	Tulare Irrigation District from Packwood Canal . . . . .	228
C-10	Tulare Irrigation District from St. Johns River . . . . .	230
C-11	Tulare Irrigation District from Deep Creek . . . . .	232

TABLES  
(continued)

<u>Number</u>		<u>Page</u>
C-12	Tulare Irrigation District from Central Valley Project Exchange . . . . .	234
C-13	Tulare Irrigation District from Central Valley Project Exchange (Lower Kaweah) . . . . .	235
C-14	Tulare Irrigation District from Central Valley Project Exchange (St. Johns River) . . . . .	236
C-15	Tulare Irrigation District from Packwood Creek . . . . .	237
C-16	Tulare Irrigation District from Evans Ditch . . . . .	239
C-17	Tulare Irrigation Company from Lower Kaweah . . . . .	240
C-18	Tulare Irrigation Company from Ketchum Ditch . . . . .	243
C-19	Fleming Ditch Company from Lower Kaweah . . . . .	245
C-20	Fleming Ditch Company from Ketchum Ditch . . . . .	249
C-21	Kaweah Delta Water Conservation District . . . . .	253
C-22	Kaweah Delta Water Conservation District from Central Valley Project . . . . .	255
C-23	Oakes Ditch Company from Lower Kaweah . . . . .	256
C-24	Oakes Ditch Company from Ketchum Ditch . . . . .	260
C-25	Corcoran Irrigation Company . . . . .	264
C-26	Evans Ditch Company from Lower Kaweah . . . . .	265
C-27	Evans Ditch Company from Ketchum Ditch . . . . .	269
C-28	Watson Ditch Company from Lower Kaweah . . . . .	273
C-29	Watson Ditch Company from Ketchum Ditch . . . . .	277
C-30	Lakeside Ditch Company . . . . .	281
C-31	Lakeside Ditch Company from Central Valley Project Exchange . . . . .	283
C-32	Lakeside Ditch Company from Corcoran Irrigation District . . . . .	284



TABLES  
(continued)

<u>Number</u>		<u>Page</u>
C-33	Persian Ditch Company from Lower Kaweah . . . . .	285
C-34	Persian Ditch Company from Ketchum Ditch . . . . .	287
C-35	Longs Canal Company . . . . .	291
C-36	Sentinel Butte Mutual Water Company . . . . .	295
C-37	Sweeney Ditch Company . . . . .	297
C-38	Mathews Ditch Company . . . . .	299
C-39	Jennings Ditch Company . . . . .	303
C-40	Uphill Ditch Company . . . . .	306
C-41	Modoc Ditch Company . . . . .	310
C-42	St. Johns Ditch Company . . . . .	314
C-43	Goshen Ditch Company . . . . .	318
C-44	Operation Pool . . . . .	319
C-45	Tulare County Recreational Storage . . . . .	322



STATE OF CALIFORNIA  
George Deukmejian, Governor

THE RESOURCES AGENCY  
Gordon K. Van Vleck, Secretary for Resources

DEPARTMENT OF WATER RESOURCES  
David N. Kennedy, Director

Alex R. Cunningham                      Howard H. Eastin                      Arthur C. Gooch  
Deputy Director                      Acting Deputy Director                      Acting Deputy Director

SAN JOAQUIN DISTRICT

Louis A. Beck . . . . . Chief

The activity under which this bulletin was  
prepared is directed by

Richard W. Meffley . . . . . Chief, Water Supply Branch

This bulletin was prepared by

William A. Mancebo . . . . . Chief, Surface Water Section

assisted by

Kenneth W. Winden . . . . . Senior Delineator  
Arthur Parra . . . . . Junior Engineering Technician  
Carol H. Scharding . . . . . Senior Stenographer  
Josephine R. Ontiberos . . . . . Office Assistant I

ACKNOWLEDGMENT

All Kaweah River streamflow records (except those pertaining to discharges at Three Rivers, South Fork Kaweah River near Three Rivers, Cottonwood Creek near Elderwood, Sand Creek east of Orange Cove, Dry Creek near Lemoncove, Hawkeye Ditch, and Lemoncove Ditch which were furnished by the U. S. Geological Survey and U. S. Army Corps of Engineers) and the diversion, distribution, and storage of water in Terminus Reservoir were furnished in annual report form by the Kaweah and St. Johns Rivers Association.

Max Garver . . . . . Watermaster (Civil Engineer)

James Crook . . . . . Assistant Watermaster (Assistant Engineer)

State of California  
The Resource's Agency  
Department of Water Resources

CALIFORNIA WATER COMMISSION

ROY E. DODSON, Chairperson, San Diego  
DANIEL M. DOOLEY, Vice Chairperson, Visalia

Thomas K. Beard . . . . . Stockton  
Merrill R. Goodall . . . . . Claremont  
Charlene H. Orszag . . . . . Sherman Oaks  
Alexandra C. Stillman . . . . . Arcata

Orville L. Abbott  
Executive Officer and Chief Engineer

Tom Y. Fujimoto  
Assistant Executive Officer

The California Water Commission serves as a policy advisory body to the Director of Water Resources on all California water resources matters. The nine-member citizen commission provides a water resources forum for the people of the State, and acts as a liaison between the legislative and executive branches of State Government, and coordinates Federal, State, and local water resources efforts.

AGREEMENT FOR PUBLICATION OF  
KAWEAH RIVER STREAMFLOW AND DIVERSION RECORD

The Kaweah Delta Water Conservation District and the Kaweah and St. Johns Rivers Association, hereafter referred to as the "Agencies", and the State of California, acting by and through the Department of Water Resources, hereafter referred to as the "State", agree as follows:

A. RECITALS

1. For the past five years, measurements of streamflow and diversions and distributions of water of the Kaweah River have been made and recorded by local organizations.

2. Compiling, editing, and printing these records and other pertinent streamflow data in the form of an official publication of the State are desirable and advantageous to the parties hereto.

B. AGENCIES and STATE agree that:

1. Agencies shall furnish, or cause to be furnished, to State, records of measurements of streamflow of Kaweah River and of diversion and distribution of water therefrom in Kaweah River Delta for the period October 1, 1975 to September 30, 1980, inclusive.

2. Agencies, upon their execution of this agreement, shall deposit with State the sum of \$18,000 for expenditure by State in performing work provided for in this agreement. Each of the Agencies shall contribute to the total amount deposited with State as follows: Kaweah Delta Water Conservation District, \$6,000, and Kaweah and St. Johns Rivers Association, \$12,000.

3. State, at the earliest practicable date, shall compile, edit, and print a bulletin containing such records together with necessary and appropriate maps and other pertinent data for said period.

4. State shall supply Agencies with 450 copies of the printed bulletin.

5. State shall not be obligated to expend for the work any funds in excess of the amount made available under this agreement, and if such funds are exhausted before completion of the work, State may discontinue the work and shall not be liable or responsible for its completion.

6. Upon completion of the work, State shall furnish to Agencies a statement of expenditures, and any unexpended or unobligated balance in the deposit made by Agencies shall be returned to them for distribution in proportion to their contribution.

DATED 11/10/80

KAWEAH DELTA WATER  
CONSERVATION DISTRICT

KAWEAH AND ST. JOHNS  
RIVERS ASSOCIATION

By /s/ Gordon Greening

By /s/ Gordon Greening

By /s/ Max Garver

By /s/ Max Garver

Approved as to Legal Form  
and Sufficiency

STATE OF CALIFORNIA  
Department of Water Resources

/s/ V. L. Cline  
Assistant Chief Counsel  
Department of Water Resources

/s/ L. A. Beck  
Chief  
San Joaquin District

## INTRODUCTION

The Kaweah River drains a watershed on the western slope of the Sierra Nevada in Tulare County adjoining the watershed of the Kings River on the north and the Tule River on the south and extending on the east to a secondary ridge parallel to the main ridge of the Sierra Nevada called the Great Western Divide, which separates the Kaweah Basin from the upper Kern River basin. The headwaters rise in glacial lakes along the Divide near Triple Divide Peak at elevation 12,651 feet. The main stream is formed near the town of Three Rivers, about 10 miles above the head of its delta, by the confluence of the North, Middle, and South Forks. West of the foothills, the Kaweah River divides into several distributaries which cross the delta fan and enter Tulare Lake. The basin above the lower edge of the foothills is about 26 miles long with an average width of about 20 miles.

The drainage area on the Kaweah River watershed above the U. S. Geological Survey gaging station near Three Rivers is 418 square miles.

The existing major developments on the Kaweah River above Three Rivers consist of three Southern California Edison Company power plants--Kaweah Nos. 1, 2, and 3--having installed capacities of 2,500, 3,500, and 3,500 kilovolt amperes, respectively. The water supply for Kaweah No. 1 is diverted from the East Fork, diversion for Kaweah No. 2 is made from the Middle Fork immediately below the tailrace of Kaweah No. 3, and Kaweah No. 3 diverts near the junction of the Marble Fork and Middle Fork. These plants operate principally upon unregulated streamflow which does not materially alter the regimen of the stream below Three Rivers. The minor irrigation development along the Kaweah River above the head of its delta occurs mainly in the vicinity of Three Rivers and extends a few miles up each fork. Water required for the irrigation of citrus and deciduous orchards in this area, aggregating approximately 1,000 acres, is diverted through a series of ditches of small capacity.

Lands with irrigation service from the Kaweah River are situated within a gross area of approximately 600 square miles on the easterly slope of the San Joaquin Valley, extending some 20 miles north and south and 30 miles east and west. The northerly and westerly boundaries of the area coincide, in general, with the southerly boundary of Alta and Ivanhoe Irrigation Districts and the easterly boundary of Peoples Ditch Company of the Kings River service area. The area is bounded approximately on the east by Exeter and Lindmore Irrigation Districts, and on the south by the northerly boundary of Lower Tule River Irrigation District and the southern portion of Corcoran Irrigation District. The extent of the gross area may be roughly outlined by lines joining the towns of Lemoncove, Woodlake, Traver, and Hanford on the north; Hanford, Guernsey, and Waukena on the west; Waukena and Strathmore on the south; and Strathmore, Exeter, and Lemoncove on the east. The cities of Visalia and Tulare are situated near the center of the main Kaweah River delta area, which extends southwesterly from the delta's head near Lemoncove to the town of Waukena near the Tulare-Kings County line. Most of the areas served are organized as

mutual water companies, ditch companies, and irrigation districts. About 1.25 miles west of Lemoncove at McKay Point, the Kaweah River divides into the St. Johns and Kaweah Rivers, the former traversing the northern portion of the main delta and the latter traversing the central and southern portions.

Gross areas entitled to the use of surface diversions from the Kaweah River aggregate approximately 270,500 acres. The diversions by individual canals are governed by their relative rights and priorities which have been established through appropriation, historical use, court decisions, and stipulations. The larger and more dependable part of the streamflow is diverted mainly through canals which head east of Visalia.

The construction of storage facilities included in the Terminus Dam Project, as authorized by the Flood Control Act of 1944, Public Law 534 (78th Congress, Second Session), was completed in May 1962, and a number of parties participated in benefits of storage provided by the project under a contract dated January 11, 1965, by and between the U. S. Corps of Engineers and Kaweah Delta Water Conservation District.

This report presents records of all available measurements of streamflow of the Kaweah River, canal diversions, Central Valley Project deliveries, and storage of water in Terminus Reservoir for the period October 1, 1975 through September 30, 1980. These records were furnished by the Kaweah and St. Johns Rivers Association in annual report form for compilation in this Bulletin 49F.

Data in this bulletin are presented in three parts: Appendix A presents streamflow data; Appendix B presents canal diversion data for the Lower Kaweah River, St. Johns River, and Central Valley Project deliveries; and Appendix C presents storage operation data for the various entities and operation pool storage.



APPENDIX A  
STREAMFLOW RECORDS



## STREAMFLOW RECORDS

This appendix presents surface water data for the period October 1, 1975 through September 30, 1980. The data consist of mean daily discharge in cubic feet per second, monthly maximum and minimum flow in cubic feet per second, monthly acre-feet, and total acre-feet for the year for each station.

Records were collected by the U. S. Geological Survey, U. S. Corps of Engineers, U. S. Bureau of Reclamation, the Kaweah and St. Johns Rivers Association.

Data presented herein were furnished in annual report form by the Kaweah St. Johns Rivers Association, published as received, and are not necessarily rounded to the criteria of the Department of Water Resources. Station titles published herein may vary from those used in some of the annual reports from which the data were compiled.

Table A-1

KAWEAH RIVER AT THREE RIVERS

Location: Latitude 36°26'38", longitude 118°54'09", in the SW 1/4, SW 1/4, Section 13, T17S, R28E, M06&M, Tulare County, on right bank opposite schoolhouse in Three Rivers, 0.2 mile downstream from North Fork Kaweah River.

Drainage Area: 418 square miles.

Period of Record: October 1958 to current year.

Gage: Water-stage recorder. Datum of gage is 809.62 feet above mean sea level.

Average Discharge: 22 years, 527 cfs, 381,800 acre-feet per year.

Extremes for Period of Record: Maximum discharge, 73,000 cfs on December 5, 1966 (gage height, 16.69 feet in gage well, 19.0 feet from floodmarks), from rating curve extended above 13,000 cfs on basis of slope area measurements at gage heights 13.68 and 16.69 feet; minimum, 14 cfs September 29 and October 4 and 5, 1977.

Extremes Outside Period of Record: Flood of December 23, 1955 reached a stage of 17.9 feet from floodmarks.

Remarks: Record is good. Diversions are made for 200 acres above the station. Power is developed on the Middle and East Fork Kaweah River.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	44	206	136	83	73	502	254	687	269	72	116	20	1
2	43	188	184	74	73	269	250	731	264	68	110	19	2
3	42	176	212	80	72	239	254	664	242	65	87	19	3
4	41	162	194	93	76	212	265	652	227	62	77	19	4
5	40	148	172	97	88	202	250	651	216	59	69	20	5
6	40	136	154	91	110	195	239	517	204	55	62	48	6
7	139	129	143	85	106	187	236	487	197	53	58	63	7
8	137	127	134	87	107	198	280	445	187	49	53	50	8
9	98	121	132	87	143	195	269	629	174	47	48	47	9
10	88	119	130	87	196	208	307	617	172	46	44	47	10
11	494	129	127	86	148	202	265	621	191	44	41	2050	11
12	360	119	130	85	136	194	269	825	179	43	38	679	12
13	263	114	134	83	130	205	261	941	165	42	36	316	13
14	221	110	119	83	130	225	243	938	162	41	36	218	14
15	212	106	122	82	137	254	256	837	163	40	41	171	15
16	200	102	121	82	132	270	239	732	160	61	43	142	16
17	184	101	118	83	125	306	232	706	155	68	40	121	17
18	162	98	113	83	124	343	241	603	148	55	39	110	18
19	146	88	108	83	143	298	256	516	143	55	40	100	19
20	132	91	107	80	142	258	357	499	139	57	40	90	20
21	126	88	106	77	142	254	441	475	130	46	36	101	21
22	122	86	104	75	138	267	490	441	120	43	33	90	22
23	119	86	101	75	132	258	475	428	111	41	33	88	23
24	110	85	101	75	123	272	558	410	103	43	29	80	24
25	102	83	100	75	126	302	623	381	98	40	28	83	25
26	100	83	100	74	130	285	524	394	94	46	27	85	26
27	509	90	98	74	132	276	424	385	88	55	25	80	27
28	298	130	98	73	147	250	389	370	82	58	24	74	28
29	214	119	98	73	170	225	412	339	77	146	23	83	29
30	190	114	97	73	73	234	529	307	73	101	21	377	30
31	236		90	74		250		281		83	20		31
MEAN	509	206	212	97	196	502	623	941	269	146	116	2050	MEAN
MAX.	40	83	90	73	72	187	236	281	73	40	20	19	MAX.
MIN.	10338	7010	7702	4981	7202	15541	20010	34729	9388	3539	2811	10903	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 134154

Table A-1 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	235	50	48	51	55	99	102	287	680	92	22	21	1
2	296	52	46	53	52	85	99	277	650	84	23	20	2
3	295	52	46	180	52	84	94	248	560	81	22	20	3
4	209	51	46	94	52	82	117	209	523	78	21	20	4
5	168	53	45	77	52	83	152	219	486	74	21	19	5
6	146	50	44	65	53	87	207	197	427	69	21	17	6
7	126	49	42	62	53	90	265	185	366	64	20	17	7
8	115	48	42	59	53	91	324	189	416	57	20	16	8
9	108	48	42	57	55	100	330	206	727	53	21	16	9
10	100	47	41	59	54	99	254	211	638	50	20	16	10
11	94	47	42	55	53	93	238	211	469	47	20	17	11
12	91	50	41	58	53	103	234	234	352	44	19	17	12
13	86	51	40	56	54	101	256	218	303	42	19	18	13
14	81	57	41	55	56	88	238	202	269	39	18	19	14
15	77	74	40	56	60	85	290	243	244	37	20	19	15
16	76	64	40	58	60	96	386	311	230	34	20	20	16
17	73	66	39	59	62	87	462	245	215	44	24	22	17
18	71	65	38	62	62	86	456	219	198	38	71	22	18
19	68	67	38	71	62	85	341	237	182	34	62	22	19
20	66	63	38	72	62	84	281	284	176	33	48	22	20
21	63	60	38	74	69	95	273	387	167	32	49	21	21
22	75	58	39	72	223	117	272	571	156	30	42	21	22
23	99	56	38	68	130	132	247	507	149	32	38	20	23
24	82	55	37	65	128	130	286	451	147	29	35	19	24
25	77	53	36	65	104	125	263	388	139	29	32	18	25
26	73	53	38	60	97	116	305	367	129	29	31	18	26
27	69	51	38	59	95	118	308	351	120	27	28	15	27
28	64	48	37	58	103	124	300	428	113	25	28	17	28
29	61	48	37	57	57	112	316	527	105	23	24	14	29
30	60	49	42	56	56	104	274	590	98	22	22	18	30
31	57		52	55		93		643		22	23		31
MEAN	296	74	52	180	223	132	462	643	726	87	71	22	MEAN
MAX.	57	47	36	51	52	82	94	211	93	24	18	14	MAX.
AC. FT.	6667	3243	2521	4062	4094	6097	15808	19522	18712	2765	1753	1113	AC. FT.

Total Acre-Feet 86357

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	17	21	36	314	284	701	1400	1420	3630	1810	694	159	1
2	16	20	35	273	276	1390	1300	1480	3530	1740	697	150	2
3	15	19	34	251	274	1720	1200	1740	3430	1600	661	147	3
4	14	19	33	257	281	5680	1300	2030	3530	1530	629	216	4
5	14	36	27	252	307	3700	1200	2170	3680	1580	603	3990	5
6	42	56	35	431	635	2160	1300	2040	3790	1660	539	2450	6
7	71	44	30	330	630	1670	1800	1840	4090	1720	518	1330	7
8	38	39	30	275	689	1440	1400	1930	4350	1620	502	704	8
9	35	39	30	453	6300	1250	1300	2200	4290	1660	472	497	9
10	31	36	29	599	4170	1130	1260	2250	3950	1700	429	418	10
11	31	34	28	401	1820	1170	1240	2240	3470	1540	407	391	11
12	28	33	27	318	1300	1070	1430	2660	3480	1360	382	345	12
13	27	32	28	287	1980	943	1540	3150	3360	1370	353	307	13
14	26	31	28	429	1270	881	1520	3470	3160	1490	328	318	14
15	23	30	47	1310	965	848	1720	3430	2960	1480	300	407	15
16	23	30	91	1190	812	856	1960	2790	2690	1400	287	324	16
17	21	29	622	2090	714	921	1480	2640	2540	1250	274	284	17
18	21	29	652	905	620	910	1390	2850	2680	1150	261	263	18
19	20	29	196	876	560	880	1400	2980	2710	1050	245	253	19
20	21	26	139	650	540	860	1430	3100	2590	973	230	243	20
21	22	26	123	515	560	1500	1310	3250	2600	944	222	229	21
22	22	39	140	443	560	1900	1190	3410	2520	960	216	215	22
23	22	45	368	390	580	1300	1200	3140	2350	966	208	201	23
24	21	39	339	350	580	1000	1370	2500	2190	937	198	190	24
25	20	39	184	335	570	960	1910	2210	2130	935	190	180	25
26	19	41	159	317	560	1000	1670	2110	2090	1320	187	174	26
27	20	41	2470	315	560	980	1430	2300	1960	1060	183	166	27
28	22	41	1520	305	566	930	1390	2740	1700	810	175	159	28
29	20	39	712	297	566	960	1400	3260	1760	743	168	156	29
30	22	37	553	297	566	1000	1500	3720	1850	719	163	150	30
31	20		391	287		1800		3810		723	162		31
MEAN	71	56	2470	2090	6300	5680	1960	3810	4350	1810	697	3990	MEAN
MAX.	14	19	27	251	274	701	1190	1420	1700	719	162	147	MAX.
AC. FT.	1515	2021	18121	31224	57448	86302	85171	160386	176651	78943	21586	29784	AC. FT.

Total Acre-Feet 749152

Table A-1 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	143	102	147	123	229	546	650	1620	1620	423	121	60	1
2	141	108	170	132	227	437	615	1410	1520	402	118	59	2
3	137	105	143	131	205	397	583	1500	1540	377	114	58	3
4	133	106	138	128	201	408	607	1810	1580	357	108	58	4
5	130	103	141	130	196	441	690	1990	1530	341	105	58	5
6	126	97	140	141	198	501	771	1730	1760	322	104	57	6
7	123	97	107	135	204	614	762	1600	1700	304	99	55	7
8	121	91	108	135	210	719	710	1340	1390	283	97	53	8
9	120	91	122	170	215	796	812	1170	1230	261	91	52	9
10	118	90	124	159	221	864	706	1050	1200	250	92	53	10
11	115	96	124	404	224	871	646	1030	1210	251	89	52	11
12	113	107	124	1200	230	781	612	1240	1200	250	108	50	12
13	110	106	120	517	249	745	693	1570	1230	247	105	48	13
14	107	109	117	390	1230	682	889	1870	991	241	99	46	14
15	104	103	114	337	618	725	1060	2010	882	232	97	43	15
16	105	104	110	296	459	782	1160	2120	816	219	91	40	16
17	107	108	118	266	372	649	1150	2210	759	200	88	39	17
18	106	108	187	266	338	614	899	2380	615	189	96	41	18
19	103	103	180	238	368	591	761	2620	560	180	94	41	19
20	102	100	151	227	350	566	757	2740	608	193	88	42	20
21	105	104	158	220	821	556	818	2900	638	219	84	43	21
22	106	124	161	212	600	520	937	2840	641	219	81	43	22
23	103	119	155	202	588	483	1000	2630	640	203	80	42	23
24	97	115	153	199	479	488	966	2420	634	184	79	42	24
25	95	113	155	203	472	526	990	2190	628	173	76	121	25
26	93	112	157	186	447	551	1100	2300	565	163	72	88	26
27	93	113	157	177	387	923	1540	2510	535	154	67	68	27
28	85	119	154	185	366	1130	1550	2380	519	149	65	57	28
29	91	120	139	156		848	1600	2180	493	141	63	57	29
30	91	121	138	165		737	1680	2030	460	134	62	63	30
31	100		130	200		675		1890		128	61	63	31
MEAN	143	124	187	1200	1230	1130	1680	2900	1760	423	121	121	MEAN
MAX.	85	90	107	123	196	397	583	1030	460	128	61	39	MAX.
MIN.	6790	6335	8612	15134	21231	39999	54971	121549	58898	14722	5542	3231	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 357014

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	65	98	110	375	535	1380	908	1860	1350	2320	731	158	1
2	53	97	104	226	534	1340	861	1760	1360	2450	715	152	2
3	52	93	91	186	530	1750	828	1970	1670	1970	670	150	3
4	50	141	94	165	543	1480	858	2130	1790	1810	601	147	4
5	49	141	92	153	570	1790	1130	2270	1750	1660	560	142	5
6	46	126	94	146	586	1980	1050	2220	1860	1500	498	144	6
7	45	119	94	146	578	1650	951	2270	1980	1520	439	147	7
8	46	114	91	144	545	1470	923	2020	2290	1510	418	148	8
9	48	112	91	167	519	1380	972	2010	2580	1430	411	144	9
10	46	107	91	1070	500	1360	1060	1980	2780	1320	388	147	10
11	42	104	92	2020	487	1310	1170	1610	2730	1340	385	138	11
12	43	107	85	11300	470	1220	1240	1440	2480	1330	371	132	12
13	42	98	82	14700	462	1170	1350	1390	2340	1290	347	126	13
14	44	95	81	11300	528	1170	1420	1430	2230	1200	320	122	14
15	44	90	79	4270	833	1150	1490	1310	2360	1200	289	119	15
16	44	86	77	2560	870	1100	1600	1310	2560	1190	269	115	16
17	45	106	75	1910	2830	1080	1770	1520	2740	1340	264	110	17
18	45	146	73	1620	8860	1160	1930	1890	2760	1350	266	109	18
19	46	115	72	1280	5460	1070	2050	2230	2840	1220	258	110	19
20	472	98	73	1030	4960	1040	2120	2600	2840	1070	244	114	20
21	246	94	84	917	4890	1060	2040	2760	2690	1070	232	111	21
22	178	95	89	832	3360	990	1650	2800	2620	1120	223	108	22
23	149	100	81	761	2530	947	1440	2410	2430	1120	217	103	23
24	149	107	104	723	2140	948	1340	1940	2310	1120	203	99	24
25	155	105	224	705	1860	914	1410	1680	2320	1070	192	93	25
26	269	118	137	684	1720	887	1620	1500	2320	1040	184	90	26
27	199	164	117	659	1630	870	1810	1370	2280	986	180	89	27
28	154	130	111	632	1550	856	1830	1300	2330	959	176	84	28
29	132	119	108	610	1440	877	1830	1270	2350	874	167	81	29
30	116	115		579		933	1840	1390	2270	778	158	83	30
31	107		453	560		929		1360		702	155		31
MEAN	472	164	453	14700	8860	1980	2120	2800	2840	2450	731	158	MEAN
MAX.	42	86	72	144	462	856	828	1270	1350	702	155	81	MAX.
MIN.	6389	6625	6665	123830	103777	73907	84281	113060	137278	81044	20688	7170	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 764914

Table A-2

SOUTH FORK KAWEAH RIVER AT THREE RIVERS

Location: Latitude 36°25'00", longitude 118°54'48", in the SE 1/4, Section 26, T17S, R28E, MOB&M, Tulare County, on right bank 200 feet upstream from unnamed tributary, 0.5 mile upstream from mouth, and 1.8 miles southwest of Three Rivers.

Drainage Area: 86.7 square miles.

Period of Record: October 1958 to current year.

Gage: Water-stage recorder. Datum of gage is 807.22 feet above mean sea level.

Average Discharge: 22 years, 69.0 cfs, 49,990 acre-feet per year.

Extremes for Period of Record: Maximum discharge, 11,600 cfs on December 6, 1966 (gage height, 9.30 feet in gage well, 10.4 feet from floodmarks), from rating curve extended above 2,600 cfs on basis of slope area measurement of maximum flow; minimum, no flow at times in 1960-62.

Extremes Outside Period of Record: Flood of December 23, 1955 reached a stage of 9.5 feet from floodmarks (discharge, 10,000 cfs).

Remarks: Record is good. Several small diversions above station for irrigation.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.5	20	17	11	8.6	58	26	124	28	1.2	1.3	.2	1
2	1.5	19	21	10	8.3	38	26	132	26	1.2	1.6	.2	2
3	1.5	18	26	10	8.2	34	27	123	24	1.2	1.3	.2	3
4	1.5	18	25	11	9.0	27	29	120	21	1.3	1.2	.2	4
5	1.2	16	22	11	11	26	27	123	19	1.1	1.1	.2	5
6	1.2	15	20	11	15	26	25	87	19	.8	1.1	.2	6
7	3.8	14	17	10	14	25	26	91	18	1.0	1.2	.1	7
8	6.5	14	17	10	13	27	36	83	17	.9	1.2	.1	8
9	4.7	14	16	10	18	24	32	108	16	.9	1.1	.1	9
10	4.7	13	16	11	29	23	33	108	17	1.0	.8	.2	10
11	28	14	16	10	21	23	30	114	18	.8	.6	64	11
12	26	13	16	10	18	23	29	148	17	.8	.5	45	12
13	20	12	17	10	16	22	30	159	16	.8	.4	19	13
14	15	12	16	10	15	22	29	150	14	.6	.4	13	14
15	14	12	15	10	18	24	30	130	12	.6	.7	9.2	15
16	13	11	14	9.6	16	24	30	110	10	.4	.8	7.6	16
17	13	11	14	9.8	15	26	29	99	8.8	.5	.8	6.9	17
18	12	11	13	9.8	14	29	28	82	8.0	.6	.8	6.2	18
19	12	9.9	13	9.6	16	28	29	72	7.5	.5	.9	5.4	19
20	10	10	13	9.3	16	25	41	67	6.8	.4	.9	4.9	20
21	9.2	10	13	9.0	16	24	58	62	7.0	.4	.8	5.3	21
22	9.6	9.8	12	8.7	15	24	69	56	6.6	.3	.6	6.0	22
23	10	9.6	12	8.6	14	24	77	52	6.5	.4	.5	4.4	23
24	9.6	9.2	12	8.8	14	24	92	49	5.8	.3	.4	3.7	24
25	9.2	8.4	12	8.9	14	26	107	46	5.8	.3	.3	3.8	25
26	8.7	8.2	12	8.7	13	26	89	42	4.4	.4	.3	5.2	26
27	22	9.0	12	8.7	13	26	67	39	3.0	.4	.2	3.6	27
28	22	22	12	8.6	14	24	65	36	1.7	.9	.2	3.5	28
29	16	15	12	8.7	16	23	71	34	1.1	1.3	.2	3.9	29
30	16	15	12	8.7	23	23	96	30	1.2	1.1	.2	19	30
31	24		12	8.8	25	25		29		1.6	.2		31
MEAN													MEAN
MAX.	28	22	26	11	29	58	107	159	28	2.6	1.6	64	MAX.
MIN.	1.2	8.2	12	8.6	8.2	22	25	29	1.1	.3	.2	.1	MIN.
AC. FT.	689	780	946	594	849	1632	2743	5365	726	48	45	478	AC. FT.

Total Acre-Feet 14895

Table A-2 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	18	4.7	5.0	5.7	5.6	9.2	7.8	33	46	2.8	.2	.1	1
2	24	4.6	5.2	6.4	5.7	8.5	7.6	34	42	2.5	.2	.1	2
3	18	4.3	5.2	20.0	5.4	6.7	7.1	31	36	2.3	.2	.1	3
4	14	4.2	5.1	12.0	5.8	6.5	6.5	27	32	2.0	.2	.1	4
5	10	3.9	5.0	9.4	6.3	6.3	8.2	27	29	1.9	.2	.1	5
6	8.6	3.4	5.0	8.5	6.3	6.2	14	26	27	1.7	.2	.1	6
7	7.8	3.2	5.1	8.0	6.1	6.0	23	24	26	1.4	.1	.1	7
8	7.2	3.1	5.1	7.8	5.7	5.9	35	26	30	1.2	.1	.1	8
9	7.0	3.2	5.2	7.5	5.9	6.2	39	28	37	.9	.1	.1	9
10	6.4	3.2	5.2	7.0	5.8	8.2	31	27	53	.7	.1	.1	10
11	6.2	3.5	5.3	7.1	5.7	6.5	30	27	37	1.1	.1	.1	11
12	6.0	3.8	5.2	7.0	5.8	5.6	36	35	29	1.0	.1	.1	12
13	5.6	4.1	5.0	6.2	6.3	6.2	38	30	23	.2	.1	.1	13
14	5.4	4.7	5.2	6.2	6.8	6.7	33	33	27	.5	.1	.1	14
15	5.3	5.4	5.2	6.1	6.2	6.8	42	32	17	.3	.1	.1	15
16	4.8	5.0	5.0	6.1	6.2	7.9	58	43	16	.2	.1	.1	16
17	4.2	5.0	5.0	6.4	6.2	8.2	65	34	14	.2	.2	.1	17
18	4.0	5.0	5.0	6.5	6.8	7.5	62	28	13	.2	.2	.1	18
19	3.7	5.4	5.0	6.7	6.7	7.5	47	27	12	.2	.1	.1	19
20	3.5	5.8	5.0	7.1	6.6	7.2	39	35	11	.2	.1	.1	20
21	3.5	5.8	5.0	7.1	7.1	5.9	38	58	11	.2	.2	.1	21
22	4.4	5.8	4.8	7.4	12	6.0	37	81	10	.2	.2	.1	22
23	5.5	5.8	4.3	7.3	12	7.5	33	67	9.1	.2	.2	.1	23
24	5.4	6.1	4.5	6.9	14	8.7	38	63	7.6	.2	.2	.1	24
25	5.3	6.1	4.4	6.7	11	10	37	51	6.6	.2	.2	.1	25
26	5.2	5.8	4.5	6.1	9.7	9.6	40	51	5.5	.2	.2	.1	26
27	4.8	6.1	4.9	6.1	9.1	8.1	37	54	4.7	.2	.2	.1	27
28	4.5	5.4	5.0	5.8	9.1	8.4	35	57	3.9	.2	.1	.1	28
29	4.4	5.0	4.7	5.8		8.7	34	56	3.5	.2	.1	.1	29
30	4.4	5.1	5.0	5.7		8.4	31	53	3.3	.2	.1	.1	30
31	4.4		5.7	5.6		8.1		50		.2	.1	.1	31
MEAN													MEAN
MAX.	24	6.1	5.3	20	14	10	65	81	53	2.8	.2	.1	MAX.
MIN.	3.5	3.1	4.3	5.6	5.4	5.6	6.5	24	3.3	.2	.1	.1	MIN.
AC. FT.	439	283	307	452	408	455	1962	2464	1220	48	9	4	AC. FT.

Total Acre-Feet 8051

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	.1	.9	3.4	29	28	100	204	174	541	261	31	6.7	1
2	.1	.8	2.9	25	27	214	192	175	528	222	29	6.5	2
3	.1	.7	2.9	23	26	202	165	190	529	201	27	6.2	3
4	.1	.7	2.9	24	25	1500	191	230	554	188	26	10	4
5	.1	2.1	3.0	22	31	888	169	263	580	188	27	154	5
6	.1	4.2	3.0	34	82	409	185	247	617	190	25	185	6
7	.1	3.3	3.0	29	90	285	239	229	660	189	23	90	7
8	.1	2.8	3.0	25	117	223	192	225	665	170	23	52	8
9	.1	2.7	2.8	39	1280	201	183	265	664	163	21	38	9
10	.1	2.5	3.0	65	1100	170	184	282	610	163	20	32	10
11	.1	2.4	3.0	48	309	179	182	298	553	149	19	31	11
12	.1	2.4	2.9	35	222	175	184	361	569	126	18	26	12
13	.1	2.0	2.7	31	280	153	183	415	540	119	17	24	13
14	.1	2.1	2.7	60	173	136	187	448	490	120	16	23	14
15	.1	1.9	3.5	205	134	124	281	437	450	114	15	23	15
16	.1	1.9	7.2	196	109	118	331	346	414	109	13	23	16
17	.1	1.9	51	248	94	118	237	336	393	94	13	21	17
18	.1	1.9	78	106	83	120	213	374	419	84	12	20	18
19	.1	1.8	22	135	79	115	201	399	417	75	11	19	19
20	.1	1.9	16	86	77	116	192	406	406	68	11	19	20
21	.1	2.0	13	62	77	215	181	413	407	64	10	18	21
22	.1	3.3	13	52	78	285	166	436	387	60	9.9	17	22
23	.1	3.5	18	45	77	181	159	417	354	57	10	15	23
24	.1	3.4	27	39	73	150	169	314	329	52	9.8	15	24
25	.1	3.3	17	36	69	138	231	276	317	55	10	13	25
26	.2	3.2	.15	34	64	141	206	273	310	55	10	12	26
27	.3	3.2	167	32	62	136	178	325	286	50	9.9	12	27
28	.4	3.3	143	31	62	131	169	400	271	46	9.0	12	28
29	.6	3.5	67	30		134	164	485	281	40	7.6	11	29
30	.7	3.5	50	30		149	173	549	281	36	7.1	11	30
31	.9		36	29		320		571		33	6.9		31
MEAN													MEAN
MAX.	.9	4.2	167	248	1280	1500	331	571	665	261	31	185	MAX.
MIN.	.1	.7	2.7	22	25	100	159	174	271	33	6.9	6.2	MIN.
AC. FT.	11	145	1557	3660	9775	14928	11685	20944	27416	7024	986	1875	AC. FT.

Total Acre-Feet 100006



Table A-2 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	11	10	18	15	31	86	94	202	243	28	3.8	2	1
2	11	11	24	15	30	65	86	163	223	26	3.7	1.8	2
3	10	10	17	15	27	62	77	184	226	25	3.4	1.8	3
4	10	11	16	15	26	64	74	242	230	24	3.6	1.7	4
5	9.9	11	17	15	25	65	80	269	219	24	3.5	1.6	5
6	9.5	11	16	16	26	70	89	236	240	23	3.5	1.6	6
7	9.1	9.7	13	15	27	82	87	206	231	21	2.7	1.5	7
8	9.3	9.3	13	15	28	92	80	159	181	19	2.7	1.5	8
9	9.1	9.2	14	20	29	96	85	135	153	18	2.6	1.5	9
10	8.5	9.5	15	18	29	95	78	118	141	16	2.2	1.5	10
11	8.4	10	14	24	30	89	71	112	133	16	2.3	1.4	11
12	8.4	13	14	83	30	83	67	138	121	15	3.1	1.3	12
13	8.3	12	14	57	34	77	71	201	113	13	3.8	1.2	13
14	7.7	12	14	51	140	70	86	261	98	12	3.2	1.2	14
15	7.8	12	14	44	77	81	102	298	86	11	3.1	.8	15
16	8.2	12	14	38	55	111	113	323	78	10	2.6	.6	16
17	8.8	12	15	34	45	88	115	345	75	9.2	2.5	.6	17
18	8.9	12	26	35	41	78	97	376	69	8.2	2.7	.7	18
19	8.5	12	26	31	47	76	85	436	63	7.6	2.4	.7	19
20	8.4	12	20	30	80	75	83	475	59	7.5	2.6	.7	20
21	8.9	12	20	28	115	72	86	491	55	8.5	2.8	.8	21
22	9.3	14	19	27	78	68	98	473	52	9.2	2.8	.7	22
23	9.1	13	18	26	73	63	104	446	48	8.8	2.9	.8	23
24	8.5	13	17	25	62	62	97	420	44	8	2.7	.9	24
25	8	12	17	27	61	65	101	376	41	7.5	2.6	2	25
26	7.6	13	17	25	60	66	121	400	39	6.8	2.3	4.2	26
27	7.6	13	17	24	53	124	163	454	36	6.2	2.1	2.6	27
28	7.8	14	17	26	51	199	179	414	33	6	1.9	2	28
29	7.9	14	16	24	144	186	186	373	32	6	1.9	1.8	29
30	8.5	14	15	22	123	123	202	338	30	5.1	1.9	2.7	30
31	8.7	15	15	26	104	104	104	305	30	4.3	2.1	2.7	31
MEAN													MEAN
MAX.	11	14	26	83	140	199	202	491	243	28	3.8	4.2	MAX.
MIN.	7.6	9.2	13	15	25	62	67	112	30	4.3	1.9	.6	MIN.
AC. FT.	540	700	1035	1718	2797	5346	6064	18583	6728	813	171	88	AC. FT.

Total Acre-Feet 44583

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4	6.3	11	29	69	160	93	257	182	295	37	8.9	1
2	3.9	6	11	21	67	163	90	218	220	284	35	8.8	2
3	3.5	6.6	10	17	65	245	86	242	280	275	33	8.7	3
4	3.4	15	10	15	65	192	86	263	290	242	30	8.6	4
5	3.1	10	9.8	14	65	279	128	292	284	215	28	8.3	5
6	3.1	9.8	10	14	66	398	129	318	301	189	26	8.1	6
7	2.6	9	10	14	65	298	106	320	328	176	24	7.9	7
8	3.2	8.8	10	14	62	246	100	280	368	170	23	7.4	8
9	3.6	8.5	10	19	59	218	104	276	417	159	21	7.1	9
10	3.2	8.5	11	96	57	207	112	254	448	143	20	8.1	10
11	3	8.1	11	126	55	203	122	202	438	142	19	8.9	11
12	3	8	10	1130	53	182	135	176	393	137	17	7.5	12
13	3.1	8.4	9.7	2070	53	169	145	169	369	134	17	7	13
14	3.3	8.5	10	1640	64	162	154	161	364	127	17	7	14
15	3.5	8.2	9.5	526	98	155	159	154	381	121	17	7.3	15
16	3.3	8	9.2	337	222	146	169	159	406	108	17	7	16
17	3.3	14	9	262	437	139	193	220	431	117	15	6.2	17
18	3.6	16	8.8	348	1000	146	220	297	436	116	14	6.3	18
19	3.8	12	8.7	213	967	133	233	355	450	103	14	6.7	19
20	13	10	8.9	173	982	125	243	388	438	88	13	6.9	20
21	14	9.5	9.9	152	763	123	245	418	427	82	13	6.9	21
22	7.8	9.6	12	136	439	117	193	408	405	79	12	6.9	22
23	6.8	9.9	10	121	341	110	166	338	372	74	12	6.5	23
24	6.4	10	11	112	279	107	150	251	360	68	12	5.8	24
25	7.1	10	26	105	239	105	162	208	353	64	12	5.2	25
26	9.2	11	15	99	216	102	198	186	346	64	11	5	26
27	12	15	14	92	199	98	231	170	335	58	11	5	27
28	8.8	13	12	87	185	95	243	159	341	58	10	5.1	28
29	7.3	12	12	84	170	93	245	157	336	49	10	5.3	29
30	6.7	11	12	77	95	95	292	190	315	43	9.9	4.9	30
31	6.4		21	72	95	95	177	177		41	9.3		31
MEAN													MEAN
MAX.	14	16	26	2070	1000	398	252	418	450	295	37	8.9	MAX.
MIN.	2.6	6	8.7	14	53	93	86	154	182	41	9.3	4.9	MIN.
AC. FT.	335	596	699	16294	14682	10128	9703	15200	21450	7976	1109	415	AC. FT.

Total Acre-Feet 98587

Table A-3

ORY CREEK NEAR LEMONCOVE

Location: Latitude 36°26'51", longitude 119°01'38", in the NE 1/4, SE 1/4, Section 15, T17S, R27E, MDB&M, Tulare County, on right bank 0.5 mile downstream from Bequette Canyon, 2.9 miles upstream from mouth, and 4.4 miles north of Lemoncove.

Drainage Area: 75.6 square miles.

Period of Record: October 1959 to current year.

Gage: Water-stage recorder. Altitude of gage is 570 feet (from topographic map). Prior to March 8, 1969, 1.6 miles downstream at different datum.

Average Discharge: 21 years, 21.6 cfs, 15,650 acre-feet per year.

Extremes for Period of Record: Maximum discharge, 14,500 cfs on December 6, 1966 (gage height, 7.30 feet in gage well, 8.94 feet from floodmarks, site and datum then in use); minimum, no flow for several months in each year.

Extremes Outside Period of Record: Flood of December 23, 1955 reached a discharge of 6,070 cfs from slope area measurement. Flood of 1867 is believed to have exceeded that of December 1955 based on information from local residents.

Remarks: Records good. Small diversions above station for irrigation.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		ORY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	1.6	1.7	1.2	4.4	2.0	2.2	.3				1
2		0	1.4	1.7	1.2	27	2.0	2.0	.2				2
3		0	1.4	1.7	1.2	25	2.2	2.0	.2				3
4		0	1.6	1.7	1.6	29	2.8	2.0	.2				4
5		0	1.6	1.7	2.1	15	4.3	1.8	.2				5
6		0	1.4	1.7	1.5	14	4.0	1.8	.2				6
7		0	1.4	1.7	14	13	3.4	1.8	.3				7
8		0	1.1	1.7	6.4	12	3.4	1.8	.3				8
9		0	1.1	1.7	9.8	11	7.3	1.8	.3				9
10		0	1.1	1.8	39	9.2	5.6	1.8	.3				10
11		0	1.2	1.7	19	8.6	5.0	1.8	.4				11
12	N	0	1.6	1.7	10	7.8	4.6	1.6	.4	N	N	I.	12
13	O	0	2.1	1.7	7.3	6.8	6.0	1.6	.3	O	O	C	13
14		0	2.4	1.7	6.0	6.3	6.8	1.3	.3				14
15		0.	2.5	1.7	5.3	6.0	6.0	1.3	.2				15
16	F	0	2.1	1.7	5.0	5.6	11.0	1.2	.2	F	F	F	16
17	L	0	1.8	1.7	4.6	4.9	8.8	1.1	.2	L	L	L	17
18	O	0	1.7	1.7	4.3	4.6	6.0	1.0	.2	O	O	O	18
19	W	0	1.6	1.5	4.6	4.6	5.0	.9	.1	W	W	W	19
20		0	1.5	1.5	9.8	4.3	4.6	.9	.1				20
21		0	1.5	1.5	6.8	3.4	4.3	.9	.1				21
22		0	1.7	1.5	5.3	2.0	4.0	.8	.1				22
23		0	1.8	1.4	4.3	1.8	3.0	.8	.1				23
24		0	1.7	1.4	4.0	1.8	2.2	.7	.1				24
25		0	1.8	1.4	3.7	1.8	2.4	.6	.0				25
26		0	1.8	1.4	3.4	1.8	2.4	.6	0				26
27		0	1.7	1.4	3.4	2.0	2.4	.4	0				27
28		3.8	1.7	1.4	3.4	2.0	2.4	.4	0				28
29		4.8	1.7	1.4	4.3	2.0	2.2	.4	0				29
30		2.8	1.7	1.4		2.0	2.2	.3	0				30
31			1.7	1.4		2.0		.3	0				31
MEAN													MEAN
MAX.		4.8	2.5	1.7	39	4.4	11	2.2	.4				MAX.
MIN.		0	1.1	1.4	1.2	1.8	2.0	.3	0				MIN.
AC. FT.		23	1.01	98	409	538	254	75	11				AC. FT.

Total Acre-Feet 1509

Table A-3 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	.5	1.0	.9	.1	0				1
2				0	.6	1.0	.9	0	0				2
3				3.4	.6	1.0	.9	0	0				3
4				5.4	.6	.9	.8	0	0				4
5				1.9	.5	1.0	.7	0	0				5
6				.8	.5	1.0	.6	0	0				6
7				.5	.5	1.0	.5	0	0				7
8				.3	.5	1.0	.4	0	0				8
9				.3	.6	1.0	.4	0	0				9
10				.3	.6	1.2	.4	0	0				10
11				.3	.5	1.2	.4	0	0				11
12	H	H	H	.3	.6	1.2	.4	2.1	0	N	N	F	12
13	O	O	O	.3	.6	1.4	.3	2.1	0	O	O	O	13
14				.3	.6	1.4	.3	1.6	0				14
15				.3	.7	1.4	.2	1.2	0				15
16				.3	.6	1.6	.2	.9	0	F	F	F	16
17	L	L	L	.3	.6	1.8	.1	.7	0	L	L	L	17
18	O	O	O	.3	.6	1.8	.1	.5	0	O	O	O	18
19	W	W	W	.3	.6	1.5	.1	.5	0	W	W	W	19
20				.3	.6	1.2	.1	.3	0				20
21				.4	.7	1.0	.1	.2	0				21
22				.4	.8	.9	.1	.1	0				22
23				.4	1.5	.8	.1	.1	0				23
24				.4	1.9	.8	.1	.1	0				24
25				.5	1.9	1.1	.1	.1	0				25
26				.5	1.7	1.1	.1	.1	0				26
27				.5	1.2	1.2	0	.1	0				27
28				.5	1.1	1.1	0	.1	0				28
29				.5		1.0	0	0	0				29
30				.5		.9	0	0	0				30
31				.5		1.0	0	0	0				31
MEAN				5.4	1.9	1.8	.9	2.1	0				MEAN
MAX.				0	.5	.8	0	0	0				MAX.
MIN.				43	44	70	18	22	0				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 197

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	9.7	17	17	136	106	31	10	2.5		1
2			0	6.9	16	132	115	97	30	9.6	2.1		2
3			0	5.6	15	165	110	91	29	9.6	1.8		3
4			0	3.3	14	1110	138	88	28	9.2	1.5		4
5			0	6.8	14	673	177	86	27	8.8	1.5		5
6			0	38	32	422	134	82	24	8.3	1.5		6
7			0	26	50	304	310	76	22	8.0	1.2		7
8			0	16	62	234	209	72	21	7.6	.8		8
9			0	31	1800	195	170	70	19	7.4	0		9
10			0	133	1300	162	153	68	18	7.0	0		10
11			0	68	468	206	134	65	18	6.7	0		11
12	N	H	0	35	321	179	132	64	17	6.2	0	N	12
13	O	O	0	25	744	157	130	62	16	6.0	0	O	13
14			0	33	334	120	123	60	16	5.8	0		14
15			0	260	199	101	117	57	15	5.5	0		15
16	F	F	0	235	136	87	378	56	15	5.2	0	F	16
17	L	L	0	490	100	77	191	55	14	5.0	0	L	17
18	O	O	15	146	76	69	161	52	13	4.7	0	O	18
19	W	W	3.8	169	64	61	145	49	13	4.7	0	W	19
20			1	93	54	57	132	47	13	4.4	0		20
21			.4	63	46	142	120	45	12	4.4	0		21
22			.2	52	39	155	112	44	12	4.3	0		22
23			17	45	34	89	103	44	12	4.1	0		23
24			41	39	27	72	98	43	11	3.9	0		24
25			8.6	33	21	64	139	42	11	3.9	0		25
26			4.5	30	18	65	181	41	11	4.0	0		26
27			51	26	16	61	147	38	11	3.9	0		27
28			83	24	15	67	120	37	10	3.6	0		28
29			35	22		53	110	35	10	3.1	0		29
30			25	20		87	104	33	10	2.9	0		30
31			17	19		335		32		2.7	0		31
MEAN			83	490	1800	1110	378	106	31	10	2.5		MEAN
MAX.			0	5.3	14	17	98	32	10	2.7	0		MAX.
MIN.			600	4374	11964	11342	8983	3644	1010	358	26		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 42301

Table A-3 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.1	2.1	6.5	4.8	45	103	81	24	7.5	1.0			1
2	1.1	2.5	13	4.5	56	93	72	24	7.1	.9			2
3	1.1	3.3	7.1	4.4	38	70	62	23	6.4	.9			3
4	1	3.1	4.7	4.4	25	60	57	21	5.9	.9			4
5	1	3	4.4	4.5	21	55	53	20	5.6	1.0			5
6	1.0	2.7	4.7	4.8	21	52	50	19	5.3	1.0			6
7	1.0	2.6	4.6	4.9	22	52	48	20	4.9	1.0			7
8	1	2.4	4.1	4.9	22	50	45	22	4.6	.9			8
9	1.1	2.4	3.8	16	21	42	43	23	4.2	.8			9
10	1.1	2.4	3.8	15	21	38	42	20	3.9	.8			10
11	1	3.2	3.8	11	19	36	40	19	3.6	.7			11
12	1.1	3.9	3.8	38	17	35	37	18	3.1	.7			12
13	1.1	4.5	3.8	27	18	33	36	17	2.8	.6	N	N	13
14	1	4.4	3.8	17	81	32	35	16	2.6	.5	O	O	14
15	.9	4.2	3.8	39	54	35	34	15	2.6	.4			15
16	.9	3.9	3.8	30	30	76	33	15	2.5	.3	F	F	16
17	1.1	3.8	4.4	17	21	50	32	15	2.7	.2	L	L	17
18	1.2	3.8	14	22	16	61	32	14	3	.2	O	O	18
19	1.3	4.1	44	21	21	59	31	13	3	0	W	W	19
20	1.4	3.8	25	14	26	57	30	13	2.7	0			20
21	1.6	4.8	9.7	11	233	53	29	13	2.4	0			21
22	1.6	6	7.6	9.8	170	49	28	13	2.2	0			22
23	1.7	6.3	7.1	8.6	129	44	28	12	2	0			23
24	1.8	5.8	6.6	7.9	101	41	27	12	1.8	0			24
25	1.6	5.3	6.2	9.6	76	39	27	12	1.6	0			25
26	1.4	5	6.1	9.7	65	38	26	11	1.4	0			26
27	1.3	4.6	5.9	7.5	61	136	28	9.9	1.3	0			27
28	1.4	4.4	5.9	7.6	52	322	27	9.5	1.2	0			28
29	1.5	4.4	5.8	7.4	178	26	26	9.3	1.1	0			29
30	1.6	4.4	5.5	6.7	113	25	25	9	1	0			30
31	1.8		5.2	16	96			8.4					31
MEAN	1.8	6.3	44	39	233	322	81	24	7.5	1.0			MEAN
MAX.	.9	2.1	3.8	4.4	16	32	25	8.4	1.0	0			MAX.
MIN.	77	232	473	805	2940	4360	2309	972	198	25			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 12391

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	4.2	38	46	113	64	40	26	8.1	2.2	.2	1
2		0	4.1	19	45	107	63	38	25	8	2	.2	2
3		0	3.7	13	41	279	62	36	24	8	1.7	.2	3
4		0	3.4	10	41	203	58	35	23	8.5	1.5	.1	4
5		0	3.4	8.6	40	275	110	34	23	8.1	1.4	.1	5
6		.4	3.7	7.8	39	306	95	33	23	7.7	1.6	0	6
7		.4	3.8	7.3	38	255	68	33	22	7.5	1.5	0	7
8		.5	3.8	6.7	38	202	64	31	21	7.2	1.1	0	8
9		.6	3.8	9.1	35	178	60	31	20	7	.9	0	9
10		.6	4.0	156	34	160	57	68	19	7	.7	0	10
11		.6	4.9	226	32	147	57	47	18	7.1	.6	.2	11
12	N	.6	5.5	671	32	135	54	39	18	6.1	.4	.2	12
13	O	.6	5.5	993	32	126	52	37	18	5.6	.2	.2	13
14		.6	5.8	1030	34	120	50	55	18	5.3	.2	.2	14
15		.6	6	337	71	113	49	42	17	4.9	.2	.2	15
16	F	.6	6	184	173	105	49	37	17	4.2	.4	.4	16
17	L	1.7	6	138	626	99	46	34	16	3.5	.6	.4	17
18	O	8	6.2	205	638	101	43	31	15	3.3	.6	.3	18
19	W	7.3	6.5	143	638	95	41	29	14	3.1	.7	.3	19
20		4.2	6.5	116	1290	89	40	27	13	3	.8	.4	20
21		3	8.3	102	829	88	45	26	13	2.5	.8	.4	21
22		2.8	14	90	519	87	46	26	13	2.4	.8	.5	22
23		2.7	17	80	313	81	52	27	13	2.4	.7	.6	23
24		2.5	16	73	236	80	46	28	12	2.3	.6	.4	24
25		2.6	28	67	193	79	44	30	9.2	2.2	.5	.2	25
26		3.2	20	60	164	77	41	29	9.2	2.1	.4	.2	26
27		4.4	11	57	144	75	40	28	9	2.1	.3	0	27
28		7	8.3	55	135	72	39	28	8.6	2	.2	0	28
29		5.3	7.2	53	121	68	43	28	8.1	1.9	.1	0	29
30		4.6	6.7	50	67	67	42	26	7.9	1.7	.1	0	30
31			19	48	66	66		26		2.3	.2		31
MEAN		8	28	1030	1290	306	110	68	26	8.5	2.2	.6	MEAN
MAX.		0.	3.4	6.7	32	66	39	26	7.9	1.7	.1	0	MAX.
MIN.		129	500	10024	13125	8029	3213	2101	978	292	47	12	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 38450

Table A-4

COTTONWOOD CREEK NEAR ELDERWOOD

Location: Latitude 36°31'47", longitude 119°07'33", in the SE 1/4, SE 1/4, Section 15, T16S, R26E, M8&M, Tulare County, on left bank 25 feet upstream from State Highway 69, 4.0 miles north of Elderwood and 8.0 miles north of Woodlake.

Drainage Area: 60.4 square miles.

Period of Record: 1956 to current year, formerly published as Cottonwood Creek above Highway 65 (presently Highway 69).

Gage: Water-stage recorder. Altitude of gage is 575 feet (from topographic map).

Average Discharge: Nine years, 12.4 cfs, 8,980 acre-feet per year.

Extremes for Period of Record: Maximum discharge, 1,660 cfs, April 1, 1974 (gage height, 5.56 feet; maximum gage height, 7.65 feet on February 20, 1980, backwater from debris); minimum, no flow for several months in most years.

Remarks: Record is fair. No regulation or diversion above station.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	2.4	2.1	1.1	1.8	.1	0	0	0		1
2			0	2.1	2.7	6.3	2.1	.1	0	0	0		2
3			0	2.1	2.7	8.0	2.1	.1	0	0	.1		3
4			0	2.4	3.3	6.8	3.4	.1	.9	0	0		4
5			0	2.4	4.1	5.3	4.1	.1	.1	0	0		5
6			0	2.1	6.8	4.5	3.4	.1	0	0	0		6
7			0	2.1	6.3	4.1	2.7	1.0	0	0	0		7
8			0	2.4	4.9	3.7	3.7	1.0	0	0	0		8
9			0	2.7	5.8	3.4	5.3	.9	0	0	0		9
10			0	2.7	8.6	3.0	3.7	.9	.8	0	0		10
11			0	2.7	5.8	2.7	3.7	.4	.8	0	0		11
12	N	N	0	2.7	4.9	2.4	3.7	.2	.8	0	0	N	12
13	O	O	.3	2.7	4.5	2.4	4.1	.1	.1	0	0	O	13
14			1.1	2.4	4.5	2.7	3.7	.1	0	0	0		14
15			1.6	2.4	4.5	2.7	3.7	.1	0	0	0		15
16	F	F	1.8	2.4	4.1	2.7	4.5	.1	0	0	0	F	16
17	L	L	1.8	2.4	3.7	2.8	3.7	.1	0	0	0	L	17
18	O	O	1.8	2.1	3.7	3.0	2.7	.2	0	0	0	O	18
19	W	W	2.1	2.1	4.5	3.0	1.5	.9	0	.2	0	W	19
20			2.1	1.8	4.9	2.7	.8	.9	1.0	.5	0		20
21			2.1	1.8	4.5	2.7	.5	0	.1	.5	0		21
22			2.1	2.4	4.1	2.7	.3	0	0	.1	0		22
23			2.1	2.4	4.1	2.4	.3	0	.7	0	0		23
24			2.1	2.4	3.7	2.7	.2	0	.7	0	0		24
25			2.1	1.8	3.7	2.7	.2	0	.7	0	0		25
26			2.1	1.8	4.1	2.7	.2	0	0	0	0		26
27			2.1	1.8	4.1	2.4	.1	0	0	.1	0		27
28			2.1	2.1	4.5	2.4	.1	0	0	0	0		28
29			2.1	2.4	2.4	2.4	.1	0	0	0	0		29
30			2.4	2.4	5.3	2.4	.1	0	0	0	0		30
31			2.4	2.7	2.7	2.1		0	0	0	0		31
MEAN													MEAN
MAX.			2.4	2.7	8.6	11.0	5.3	1.0	1.0	.5	.1		MAX.
MIN.			0	1.8	2.7	2.1	.1	0	0	0	0		MIN.
AC. FT.			72.0	141.0	260.0	220.0	132.0	15.0	13.0	2.5	.2		AC. FT.

Total Acre-Feet 856

Table A-4 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	.1	1.0	0					1
2					0	0	1.0	0					2
3					0	.2	.9	0					3
4					0	.7	.7	0					4
5					0	1.0	.7	0					5
6					0	1.0	.4	0					6
7					0	.5	0	0					7
8					0	0	0	0					8
9					0	0	0	0					9
10					0	0	0	0					10
11					0	0	0	0					11
12	N	N	N	N	0	0	0	0	N	N	N	N	12
13	O	O	O	O	0	0	0	0	O	O	O	O	13
14					0	0	0	0					14
15					0	.1	0	0					15
16	F	F	F	F	1.1	.6	0	0	F	F	F	F	16
17	L	L	L	L	2.2	1.0	0	0	L	L	L	L	17
18	O	O	O	O	2	.6	0	0	O	O	O	O	18
19	W	W	W	W	2	.6	0	0	W	W	W	W	19
20					1.9	.9	0	0					20
21					1.9	1.0	.2	.2					21
22					1.9	1.0	.4	.1					22
23					1.9	1.0	.5	0					23
24					1.9	1.1	.2	0					24
25					1.9	1.3	.1	0					25
26					1.3	1.5	.1	0					26
27					1.1	1.1	0	0					27
28					.5	1.0	0	0					28
29						.9	0	0					29
30						.9	0	0					30
31						1.0	0	0					31
MEAN													MEAN
MAX.					2.2	1.5	1.0	.2					MAX.
MIN.					0	0	0	0					MIN.
AC. FT.					42	38	12	1					AC. FT.

Total Acre-Feet 93

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	32	62	86	56	16	7.9	1.1	1.2	1
2				0	31	127	78	22	15	7.8	.8	2.0	2
3				0	29	114	70	47	16	7.1	.3	.8	3
4				.3	30	454	103	45	15	6.5	.2	3.7	4
5				.6	55	284	89	43	14	6.4	.2	8.0	5
6				4.6	50	164	96	40	13	6.1	.2	10	6
7				2.0	53	134	154	36	12	5.2	1.9	5.6	7
8				1.0	64	117	111	36	13	4.8	2.0	4.7	8
9				23	559	110	95	34	12	5.2	.3	3.5	9
10				54	682	103	86	33	12	5.4	.4	3.3	10
11				31	244	116	80	31	12	4.6	.8	3.8	11
12	N	N	N	7.7	182	102	75	30	12	5.0	0	3.9	12
13	O	O	O	4.9	501	95	72	31	12	4.1	0	3.6	13
14				50	242	83	68	29	11	3.8	.1	3.6	14
15				214	177	75	83	28	11	4.1	.6	4.7	15
16	F	F	F	290	146	71	115	26	11	4.1	.9	4.3	16
17	L	L	L	318	127	66	77	25	10	4.3	.8	4.3	17
18	O	O	O	182	114	63	69	24	9.5	3.8	.8	3.9	18
19	W	W	W	208	103	58	64	23	9.5	3.6	1.5	3.3	19
20				141	94	56	61	22	9.2	3.3	1.8	3.2	20
21				100	87	103	60	22	8.8	2.9	.6	3.0	21
22				77	81	134	56	21	8.4	2.6	0	2.7	22
23				65	76	88	53	21	8.2	2.8	.1	2.7	23
24				56	70	77	52	20	8.4	2.6	.4	2.5	24
25				51	66	72	118	20	7.8	3.3	.5	1.3	25
26				45	63	68	100	20	8.1	2.6	1.1	.6	26
27				42	62	66	76	19	8.2	2.7	1.0	.9	27
28				39	61	63	67	19	7.7	2.6	1.5	1.3	28
29				37	60	60	60	19	7.5	3.2	1.4	1.9	29
30				35	57	57	59	18	7.6	2.5	1.1	1.9	30
31				33	164	164		16		2.3	1.5		31
MEAN													MEAN
MAX.				318	682	454	154	56	16	7.9	2.0	10	MAX.
MIN.				0	29	56	52	16	7.5	2.3	0	.6	MIN.
AC. FT.				4190	8090	6760	4830	1800	646	264	49	199	AC. FT.

Total Acre-Feet 26828

Table A-4 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.9	5.2	7	10	48	110	63	9.7	4.9	.6	1.9	.3	1
2	3.3	5.8	10	9.6	60	64	56	9.6	4.3	1.0	3.4	.6	2
3	2.6	4.9	7.3	10	42	46	47	9.6	3.6	1.8	3.8	.3	3
4	2.2	5.1	6.5	10	25	36	42	9	3.5	3.2	3.1	.2	4
5	1.8	5.5	7.1	10	21	30	38	8.3	3.4	3.8	.9	.1	5
6	1.6	5.7	7.4	9.6	18	26	33	7.9	2.8	2.4	.4	.1	6
7	1.1	5.7	6.7	9.1	15	24	29	8.6	2.5	1.3	.5	.1	7
8	1.2	5.4	5.9	9.1	15	23	25	8.8	2.3	.8	.6	0	8
9	1.6	6	5.4	12	14	20	24	8.8	2.2	.6	.5	0	9
10	3.6	5.7	5.3	11	13	19	22	7.7	1.8	.9	.4	0	10
11	4.7	6.3	6.2	10	12	18	21	7	1.6	.9	.1	0	11
12	4.6	6.6	6.6	15	12	17	20	6.9	1.3	1.4	0	0	12
13	4	5.7	5.8	14	11	17	19	6	1.1	1.9	0	0	13
14	4.8	5.6	5.8	13	18	16	17	6.3	.8	2.9	0	0	14
15	4.4	5.8	5.9	19	17	17	17	6.3	.8	2.7	0	0	15
16	4.1	5.3	5.6	17	14	40	17	6.2	1.1	2.2	0	0	16
17	5.1	5	5.3	13	13	26	16	6.3	1.5	2.4	0	0	17
18	5.8	5.2	7.8	17	12	26	15	6.2	2.2	3.1	.4	0	18
19	6.1	5.4	15	14	12	26	17	6	2.1	3.3	1.7	0	19
20	6.2	5.4	13	11	13	23	17	6	1.8	3.2	1.8	0	20
21	6.4	5.6	12	11	181	22	16	5.9	1.5	1.9	1.4	.1	21
22	6.1	6.3	12	10	115	20	15	6.1	.9	.9	1.5	.1	22
23	5.5	5.5	11	9.6	99	18	14	6.2	.8	.4	.3	.2	23
24	4.8	5	10	9.1	66	17	13	6.2	.8	.1	0	.1	24
25	4.2	5.1	10	10	49	16	13	6.2	.7	0	.1	.1	25
26	4.7	5.3	11	9.1	39	15	11	5.9	.5	0	.1	.1	26
27	5.3	5.6	11	8.2	38	60	12	5.7	.6	0	.1	.1	27
28	4.9	5.9	10	8.7	29	222	13	5.4	.6	.1	.1	.1	28
29	4.8	5.4	10	7.8	138	11	5.4	.3	1.7	1.1	.1	.1	29
30	4.9	5.4	10	7.8	87	10	5.4	.4	2.3	1.1	.1	.1	30
31	5.5		9.6	14	71		5.3		2.7	.2			31
MEAN	6.4	6.6	15	19	181	222	63	9.7	4.9	3.8	3.8	.6	MEAN
MAX.	1.1	4.9	5.3	7.8	11	15	10	5.3	.3	0	0	0	MAX.
AC. FT.	255	330	520	692	2025	2598	1355	426	104	100	46	5	AC. FT.

Total Acre-Feet 8456

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	.2	3.5	10	14	47	30	19	8.9	2.5	1.1	0	1
2	0	.1	3.5	7.4	14	46	29	18	9.1	2.5	1	0	2
3	0	.1	3.3	6.5	13	145	28	18	8.3	2.5	1.0	0	3
4	0	.1	3.2	6.1	13	81	28	17	8.9	2.6	.8	0	4
5	0	.4	3.5	5.8	13	126	45	16	8.6	2.5	.8	.1	5
6	0	1.5	3.6	5.7	12	151	36	16	7.7	2.5	.8	.1	6
7	0	3.6	3.8	5.6	12	106	30	15	7.7	2.5	.6	.2	7
8	0	3.6	3.4	5.4	12	81	29	16	7	2.5	.7	.2	8
9	0	3.5	3.3	6.8	12	69	28	15	6.4	2.8	.8	.2	9
10	0	3.5	3.5	41	12	64	28	20	7.5	2.7	.8	.2	10
11	0	3.5	3.3	54	12	57	27	16	6.8	2.4	.6	.2	11
12	0	3.5	3	149	12	52	26	15	6.4	2.5	.7	.2	12
13	0	3.5	3	358	12	49	25	16	6.5	2.7	1.0	.3	13
14	0	3.5	3	434	13	47	24	16	6.4	2.6	1.2	.3	14
15	0	3.5	3	140	15	46	23	15	6.2	2.7	1.6	.3	15
16	0	3.5	3	62	39	42	23	15	5.3	2.7	1.1	.3	16
17	0	6.1	3	48	191	42	21	14	4.8	2.6	1	.4	17
18	0	5.7	3	120	117	42	21	13	4.3	2.1	.8	.8	18
19	0	3.9	2.8	63	299	40	21	13	3.9	2	.8	1.3	19
20	0	3.4	2.7	43	569	38	20	12	4.3	2.4	.6	1.4	20
21	0	3.3	3.2	34	405	38	21	11	3.4	2.4	.3	1.4	21
22	0	3.2	4.6	28	180	36	21	12	3.7	2.5	.2	1.5	22
23	0	3.2	3.7	22	115	35	22	11	4.6	2.5	.2	1.5	23
24	0	3.2	3.3	19	86	34	21	11	4.3	1.4	.1	1.6	24
25	0	3.6	5.7	18	72	33	20	11	3.7	.6	.1	1.3	25
26	.1	4	4.8	17	64	33	19	11	3.2	.5	0	1.3	26
27	.5	3.7	3.3	17	58	33	19	11	2.7	.5	0	1.3	27
28	.4	3.5	3	16	54	32	19	10	2.8	.6	0	1.5	28
29	.3	3.4	3	16	50	31	19	8.8	2.5	.8	0	1.6	29
30	.2	3.5	3	15	31	31	19	8.3	2.6	1	0	1.5	30
31	.2		8.1	15	30		9.3		2.6	1	0		31
MEAN	.5	6.1	8.1	434	569	151	45	20	9.1	2.8	1.6	1.6	MEAN
MAX.	0	.1	2.7	5.4	12	30	19	8.3	2.5	.5	0	0	MAX.
AC. FT.	3	181	218	3547	4939	3445	1472	852	334	127	37	42	AC. FT.

Total Acre-Feet 15197

Table A-5

SAND CREEK NEAR ORANGE COVE

Location: Latitude 36°37'36", longitude 119°14'48", in the 5W 1/4, 5W 1/4, Section 15, T15S, R25E, M08&M Tulare County, on right bank 3.8 miles east of Orange Cove.

Drainage Area: 31.6 square miles.

Period of Record: October 1944 to current year. U. S. Geological Survey operated station 1944 to 1954, 1971 to current year. U. S. Bureau of Reclamation operated station 1955 to 1967. Kaweah Delta Water Conservation District operated station 1968 to February 1971.

Gage: Water-stage recorder. Altitude of gage 490 feet (from topographic map).

Average Discharge: 19 years (water years 1945 through 1954 and 1972 through 1980), 3.23 cfs, 2,340 acre-feet per year.

Extremes for Period of Record: Maximum discharge, 1,050 cfs on February 10, 1978 (gage height, 5.78 feet in gaging well, 6.38 feet from floodmarks), from rating curve extended above 160 cfs on basis of slope area measurement of peak flow; minimum, no flow for several months in each year.

Extremes Outside Period of Record: Flood of February 25, 1969 reached a stage of 8.35 feet from floodmarks; discharge, 2,900 cfs. Maximum discharge since 1944, 3,520 cfs on January 25, 1969, 8.75 feet from floodmarks.

Remarks: Record is fair. Construction of flood control dam 2.9 miles upstream began May 14, 1980.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	1.6	1.3	7.9	1.6	.3					1
2			0	1.6	1.3	3.1	1.6	.3					2
3			0	1.7	1.3	6.6	1.6	.4					3
4			0	1.7	1.7	4.5	2.3	.3					4
5			0	1.7	2.1	2.7	2.7	.2					5
6			0	1.7	9.1	2.1	2.1	.2					6
7			0	1.8	4.5	1.9	1.7	.1					7
8			0	1.8	2.3	1.8	2.2	.1					8
9			0	1.8	3.6	1.7	3.1	.1					9
10			0	1.8	6.7	1.6	2.2	.1					10
11			0	1.8	2.7	1.5	2.0	0					11
12	N	N	0	1.8	2.0	1.5	2.1	0	N	N	N	N	12
13	O	O	.2	1.8	1.8	1.4	2.3	0	O	O	O	O	13
14			.4	1.8	1.7	1.4	2.0	0					14
15			.5	1.8	1.6	1.4	2.3	0					15
16	P	P	.8	1.8	1.6	1.4	3.5	0	P	P	F	F	16
17	L	L	.8	1.9	1.5	1.4	2.2	0	L	L	L	L	17
18	O	O	.8	1.8	1.4	1.4	1.7	0	O	O	O	O	18
19	W	W	.8	1.7	1.7	1.4	1.5	0	W	W	W	W	19
20			.9	1.6	1.9	1.4	1.4	0					20
21			1.0	1.5	1.6	1.4	1.2	0					21
22			1.2	1.5	1.4	1.4	.9	0					22
23			1.5	1.5	1.4	1.4	.7	0					23
24			1.5	1.6	1.3	1.5	.5	0					24
25			1.5	1.6	1.2	1.4	.4	0					25
26			1.5	1.5	1.0	1.5	.5	0					26
27			1.5	1.5	1.1	1.5	.5	0					27
28			1.5	1.5	1.1	1.6	.4	0					28
29			1.6	1.5	1.5	1.6	.3	0					29
30			1.7	1.5		1.5	.2	0					30
31			1.7	1.5		1.6		0					31
MEAN													MEAN
MAX.			1.7	1.9	9.1	7.9	3.5	.4					MAX.
MIN.			0	1.5	1.0	1.4	.2	0					MIN.
AC. FT.			42	103	126	128	95	4					AC. FT.

Total Acre-Feet 498



Table A-5 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	.4	.2						1
2					0	.4	.1						2
3					0	.5	.1						3
4					0	.4	.1						4
5					0	.4	0						5
6					0	.3	0						6
7					0	.3	0						7
8					0	.3	0						8
9					0	.2	0						9
10					0	.2	0						10
11					0	.2	0						11
12	N	N	N	N	0	.2	0	N	N	N	N	N	12
13	O	O	O	O	0	.2	0	O	O	O	O	O	13
14					0	.3	0						14
15					0	.3	0						15
16	F	F	F	F	0	.3	0	F	F	F	F	F	16
17	L	L	L	L	0	.3	0	L	L	L	L	L	17
18	O	O	O	O	0	.2	0	O	O	O	O	O	18
19	W	W	W	W	0	.3	0	W	W	W	W	W	19
20					0	.3	0						20
21					0	.3	0						21
22					.5	.3	0						22
23					.6	.2	0						23
24					.6	.2	0						24
25					.4	.3	0						25
26					.3	.2	0						26
27					.3	.2	0						27
28					.3	.2	0						28
29						.3	0						29
30						.3	0						30
31						.2	0						31
MEAN													MEAN
MAX.					.6	.5	.3						MAX.
MIN.					0	.2	0						MIN.
AC. FT.					6	17	2						AC. FT.

Total Acre-Feet 25

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	.2	.8	.29	.27	5.3	3.1	1.1	.1	1
2				0	.1	4.6	.25	.25	4.8	3.1	.7	.1	2
3				0	.1	.28	.21	.22	5.0	3.4	.6	.1	3
4				0	.1	267	40	21	5.4	3.0	.4	.3	4
5				0	.2	163	28	20	6.3	3.3	.4		5
6				0	2.1	90	44	17	4.4	3.2	.4	21	6
7				0	4.2	61	92	16	3.7	3.2	.3	11	7
8				0	5.2	49	46	15	3.3	3.1	.2	4.1	8
9				17	362	45	35	16	2.7	2.9	.2	2.4	9
10				18	642	38	29	14	2.6	2.2	.1	1.7	10
11				5.0	150	41	26	13	2.8	1.5	.1	2.0	11
12	N	N	N	1.5	96	35	24	13	2.7	1.9	.1	1.9	12
13	O	O	O	.7	297	29	23	14	2.5	2.3	.2	1.8	13
14				16	114	26	23	15	2.2	1.9	.5	1.9	14
15				109	71	24	33	13	2.0	1.9	.5	1.9	15
16	F	F	F	180	50	23	51	14	2.0	1.7	.3	1.7	16
17	L	L	L	149	39	21	26	13	1.9	1.9	.2	1.5	17
18	O	O	O	24	32	19	24	12	1.6	1.4	.2	1.3	18
19	W	W	W	56	23	17	23	10	1.6	1.2	.2	1.5	19
20				15	25	15	22	10	1.4	1.0	.1	1.7	20
21				5.8	23	41	21	9.5	1.4	1.0	.1	1.9	21
22				3.4	21	30	19	10	1.5	1.1	.1	1.9	22
23				2.3	19	17	18	10	1.3	1.1	.2	1.9	23
24				1.7	18	13	23	10	1.4	1.2	.2	1.7	24
25				1.5	17	11	106	10	1.6	1.7	.2	1.7	25
26				1.3	16	9.5	65	10	1.8	3.4	.3	1.7	26
27				.9	16	14	42	10	2.0	2.5	.3	1.3	27
28				.7	16	8.8	34	9.1	2.1	1.6	.3	1.7	28
29				.4		6.6	30	8.0	2.3	1.2	.2	2.1	29
30				.4		5.7	28	6.9	2.4	1.1	.1	1.3	30
31				.2		80		5.9		1.1	.1		31
MEAN													MEAN
MAX.				180	642	267	106	27	6.3	3.4	1.1	21	MAX.
MIN.				0	.1	5.7	18	5.9	1.3	1.0	.1	.1	MIN.
AC. FT.				1210	4094	2571	2063	832	163	127	18	171	AC. FT.

Total Acre-Feet 11249

Table A-5 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	.9	2.9	7.4	2	24	48	16	3.6	.6	.1			1
2	.9	3.8	10	2.1	29	21	14	3.7	.5	.1			2
3	1.0	2.6	4.2	2.3	19	14	13	3.8	.5	.1			3
4	.9	2.4	3	2.2	12	12	12	3.9	.4	.1			4
5	.8	2.4	3.3	2.6	9.2	11	11	3.5	.4	.1			5
6	.8	2.2	3.3	2.8	6.9	10	10	3.2	.3	.1			6
7	.8	2.1	2.6	2.4	5.3	9.6	9.9	3.6	.3	.1			7
8	1.0	2	2	3.2	4.5	9.1	9.3	4.4	.2	0			8
9	1.1	2.4	2	17	3.6	7.9	9	4.4	.2	0			9
10	1.0	2.8	2.3	7.4	3.3	6	8.7	3.4	.2	0			10
11	1.0	4.2	2.5	6.5	3	5.2	8.2	2.7	.1	0			11
12	1.2	5.1	2.7	13	2.7	5.1	7.9	2.3	.1	.1	N	N	12
13	1.3	4	2.8	8.4	2.8	4.6	7.1	1.9	.1	0	O	O	13
14	1.1	3.8	2.7	8.7	8.3	3.9	6.7	1.7	.1	0			14
15	1.1	3.6	2.9	17	5.6	5.4	6	1.6	.1	0			15
16	1.3	3.5	3.2	15	3.7	12	5.9	1.5	.1	0	F	F	16
17	1.5	3.7	3.9	9.8	3.3	10	5.3	1.5	.1	0	L	L	17
18	1.5	3.7	11	16	2.9	9.4	5.2	1.5	.2	0	O	O	18
19	1.3	3.8	17	11	6.9	10	5.0	1.4	.2	0	W	W	19
20	1.4	3.9	9.4	7.9	6.5	9.6	4.8	1.3	.2	0			20
21	1.6	5.3	4.8	6.3	100	7.8	4.5	1.3	.1	0			21
22	1.8	8.2	3.8	5.2	54	4.8	4.4	1.3	.1	0			22
23	1.7	5.9	3.3	4.4	44	3.9	4.2	1.3	.1	0			23
24	1.5	4.6	2.9	4	24	3.3	4.0	1.4	.9	0			24
25	1.4	4.2	2.8	5.2	17	3.2	4.0	1.2	.9	0			25
26	1.3	3.6	2.6	4.1	14	3.3	4.2	1.1	.1	0			26
27	1.4	3.6	2.5	3.3	13	22	4.5	.9	.1	0			27
28	1.6	3.3	2.5	3.4	11	142	4.4	.9	.1	0			28
29	1.8	3.3	2.3	3	45	4.2	4.2	.9	.1	0			29
30	1.8	3.5	2.3	2.8	22	3.8	3.8	.8	.1	0			30
31	1.8		2.2	16	18	18		.8		0			31
MEAN	1.8	8.2	17	17	100	142	16	4.4	.6	.1			MEAN
MAX.	.8	2	2	2	2.7	3.2	3.8	.8	.1	0			MAX.
AC. FT.	78	219	258	426	872	990	431	132	12	2			AC. FT.

Total Acre-Feet 3420

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	1.8	17.0	7.2	16	10	5.8	3.2	1.0	.1		1
2		0	1.8	3.6	6.9	17	9.7	5.6	2.8	.9	0		2
3		0	1.7	3.2	6.6	63	9.3	5.5	3	.9	0		3
4		0	1.6	3	6.4	32	9.3	5.3	2.8	.9	0		4
5		.2	1.8	2.9	6.2	49	21	4.9	2.7	.8	0		5
6		.3	1.9	2.8	6	92	14	5	2.6	.8	0		6
7		.3	2	2.8	5.8	57	11	5	2.5	.8	0		7
8		.4	1.8	2.5	5.6	38	9.8	4.8	2.3	.8	0		8
9		.5	1.8	3.1	5.5	31	9.3	4.7	2.2	1.0	0		9
10		.6	1.9	11	5.3	28	9	6.5	1.9	.6	0		10
11		.6	2.2	14	5.1	25	8.6	5.8	1.7	.7	0		11
12	N	.7	2.1	40	5	22	7.8	4.9	2	.7	0	N	12
13	O	.8	2	120	5	20	7.7	4.6	2	.7	0	O	13
14		.9	2	63	5.4	19	7.5	5.4	2	.7	0		14
15		1.0	2.2	35	19	18	7.6	4.4	1.8	.7	0		15
16	F	1	2.2	25	45	17	7.6	4.5	1.6	.6	0	F	16
17	L	3.1	2.2	16	94	16	7.2	4.2	1.5	.5	0	L	17
18	O	2.9	2.2	32	86	16	7	3.9	1.3	.4	0	O	18
19	W	2	2.2	23	75	15	6.7	3.7	1.3	.4	0	W	19
20		1.7	2.2	19	235	14	6.4	3.5	1.2	.4	0		20
21		1.6	2.6	17	209	14	6.6	3.4	1.1	.5	.0		21
22		1.6	3.3	15	69	13	6.6	3.3	.9	.6	0		22
23		1.6	2.7	13	44	13	7.2	3.3	1.1	.5	0		23
24		1.6	2.7	12	34	12	6.8	3.4	1.2	.4	0		24
25		1.8	3.1	11	27	12	6.5	3	1.1	.3	0		25
26		2	2.8	9.8	23	12	6.2	3	1	.2	0		26
27		1.9	2.5	9.2	21	12	6	3.6	.9	.2	0		27
28		1.8	2.5	8.6	20	12	5.9	3.7	.8	.1	0		28
29		1.8	2.5	8.2	18	11	6.2	4.1	.7	.1	0		29
30		1.8	2.8	8	11	11	6	3.5	.7	.1	0		30
31			5.3	7.6	10	10		3.2		.1	0		31
MEAN		3.1	5.3	120	235	92	21	6.5	3.2	1.0	.1		MEAN
MAX.		0	1.6	2.5	5	10	5.9	3	.7	.1	0		MAX.
AC. FT.		68	144	1107	2184	1462	497	269	103	34	0		AC. FT.

Total Acre-Feet 5868

Table A-6

HAWKEYE DITCH

Location: In the SW 1/4, Section 25, T17S, R27E, MDB&M, Tulare County, on south side of the Kaweah River immediately downstream of Terminus Dam.

Gage: Flowmeter in 12-inch pipe.

Remarks: Station is operated by the U. S. Corps of Engineers.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1
2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2
3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	3
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	4
5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	5
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	6
7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	7
8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	8
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	9
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	10
11	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	11
12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	12
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	13
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	14
15	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	15
16	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	16
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	17
18	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	18
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	19
20	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	20
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	21
22	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	22
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	23
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	24
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	25
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	26
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	27
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	28
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	29
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	30
31	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	31
MEAN													MEAN
MAX.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MAX.
MIN.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	MIN.
AC. FT.	123	119	123	123	115	123	119	123	119	123	120	114	AC. FT.

Total Acre-Feet 1445

Table A-6 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	1
2	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	2
3	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	3
4	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	4
5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	5
6	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	6
7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	7
8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	2.0	8
9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	2.0	9
10	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	10
11	1.9	1.9	1.9	1.9	2.0	1.9	2.0	2.0	2.0	2.0	1.9	1.9	11
12	1.9	1.9	1.9	1.9	2.0	1.9	2.0	2.0	2.0	2.0	1.9	1.9	12
13	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.9	2.0	2.0	1.9	1.9	13
14	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.9	2.0	2.0	1.9	1.9	14
15	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.9	2.0	2.0	1.9	1.9	15
16	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.9	2.0	2.0	1.9	1.9	16
17	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.8	2.0	2.0	1.9	1.9	17
18	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	18
19	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	19
20	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	20
21	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	21
22	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	22
23	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	23
24	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.3	2.0	2.0	1.9	1.9	24
25	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	25
26	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	26
27	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	27
28	1.9	1.9	1.9	2.1	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	28
29	1.9	1.9	1.9	2.1	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	29
30	1.9	1.9	1.9	2.1	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	30
31	1.9	1.9	1.9	2.1	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	31
MEAN	1.9	1.9	1.9	2.1	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	MEAN
MAX.	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	2.0	2.0	1.9	1.9	MAX.
MIN.	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	2.0	2.0	1.9	1.9	MIN.
AC. FT.	117	113	117	118	108	117	118	95	119	123	117	115	AC. FT.

Total Acre-Feet 1377

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.9	1.9	1.9	1.9	2.0		0	2.0	2.0	2.0	2.0	2.0	1
2	1.9	1.9	1.9	1.9	2.0		0	2.0	2.0	2.0	2.0	2.0	2
3	1.9	1.9	1.9	1.9	2.0		0	2.0	2.0	2.0	2.0	2.0	3
4	1.9	1.9	1.9	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	4
5	1.9	1.9	1.9	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	5
6	1.9	1.9	1.9	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	6
7	1.9	1.9	1.9	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	7
8	1.9	1.9	1.9	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	8
9	1.9	1.9	2.0	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	9
10	1.9	1.9	2.0	2.0	.7		0	2.0	2.0	2.0	2.0	2.0	10
11	1.9	1.9	2.0	2.0	0		0	2.0	2.0	2.0	2.0	2.0	11
12	1.9	1.9	2.0	2.0	0	H	0	2.0	2.0	2.0	2.0	2.0	12
13	1.9	1.9	2.0	2.0	0	C	0	2.0	2.0	2.0	2.0	2.0	13
14	1.9	1.9	2.0	2.0	0		0	2.0	2.0	2.0	2.0	2.0	14
15	1.9	1.9	2.0	2.0	0		0	2.0	2.0	2.0	2.0	2.0	15
16	1.9	1.9	1.9	2.0	0	F	0	2.0	2.0	2.0	2.0	2.0	16
17	1.9	1.9	1.9	2.0	0	L	0	2.0	2.0	2.0	2.0	2.0	17
18	1.9	1.9	1.9	2.0	0	O	0	2.0	2.0	2.0	2.0	2.0	18
19	1.9	1.9	1.9	2.0	0	W	0	2.0	2.0	2.0	2.0	2.0	19
20	1.9	1.9	1.9	2.0	0		0	2.0	2.0	2.0	2.0	2.0	20
21	1.9	1.9	1.9	2.0	0		1.3	2.0	2.0	2.0	2.0	2.0	21
22	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	22
23	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	23
24	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	24
25	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	25
26	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	26
27	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	27
28	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	28
29	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	29
30	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	30
31	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	31
MEAN	1.9	1.9	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	MEAN
MAX.	1.9	1.9	1.9	1.9	0		0	2.0	2.0	2.0	2.0	2.0	MAX.
MIN.	1.9	1.9	1.9	1.9	0		0	2.0	2.0	2.0	2.0	2.0	MIN.
AC. FT.	167	113	118	122	37		38	123	119	123	123	123	AC. FT.

Total Acre-Feet 1206

Table A-6 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1
2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2
3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	4
5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	5
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	6
7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	7
8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	8
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	9
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	10
11	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	11
12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	12
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	13
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	14
15	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	15
16	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	16
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	17
18	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	18
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	19
20	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	20
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	21
22	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	22
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	23
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	24
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	25
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	26
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	27
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	28
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	29
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	30
31	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	31
MEAN	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MEAN
MAX.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MAX.
MIN.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.9	MIN.
AC. FT.	123	119	123	123	111	123	119	120	119	123	123	117	AC. FT.

Total Acre-Feet 1443

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1
2	1.9	1.9	2	2	2	2	2	2	2	2	2	2	2
3	1.9	1.9	2	2	2	2	2	2	2	2	2	2	3
4	1.9	1.9	2	2	2	2	2	2	2	2	2	2	4
5	1.9	1.9	2	2	2	2	2	2	2	2	2	2	5
6	1.9	1.9	2	2	2	2	2	2	2	2	2	2	6
7	1.9	1.9	2	2	2	2	2	2	2	2	2	2	7
8	1.9	1.9	2	2	2	2	2	2	2	2	2	2	8
9	1.9	2	2	2	2	2	2	2	2	2	2	2	9
10	1.9	2	2	2	2	2	2	2	2	2	2	2	10
11	1.9	2	2	2	2	2	2	2	2	2	2	2	11
12	1.9	2	2	2	2	2	2	2	2	2	2	2	12
13	1.9	2	2	2	2	2	2	2	2	2	2	2	13
14	1.9	2	2	2	2	2	2	2	2	2	2	2	14
15	1.9	2	2	2	2	2	2	2	2	2	2	2	15
16	1.9	2	2	2	2	2	2	2	2	2	2	2	16
17	1.9	2	2	2	2	2	2	2	2	2	2	2	17
18	1.9	2	2	2	2	2	2	2	2	2	2	2	18
19	1.9	2	2	2	2	2	2	2	2	2	2	2	19
20	1.9	2	2	2	2	2	2	2	2	2	2	2	20
21	1.9	2	2	2	2	2	2	2	2	2	2	2	21
22	1.9	2	2	2	2	2	2	2	2	2	2	2	22
23	1.9	2	2	2	2	2	2	2	2	2	2	2	23
24	1.9	2	2	2	2	2	2	2	2	2	2	2	24
25	1.9	2	2	2	2	2	2	2	2	2	2	2	25
26	1.9	2	2	2	2	2	2	2	2	2	2	2	26
27	1.9	2	2	2	2	2	2	2	2	2	2	2	27
28	1.9	2	2	2	2	2	2	2	2	2	2	2	28
29	1.9	2	2	2	2	2	2	2	2	2	2	2	29
30	1.9	2	2	2	2	2	2	2	2	2	2	2	30
31	1.9	2	2	2	2	2	2	2	2	2	2	2	31
MEAN	1.9	2	2	2	2	2	2	2	2	2	2	2	MEAN
MAX.	1.9	2	2	2	2	2	2	2	2	2	2	2	MAX.
MIN.	1.9	1.9	2	2	2	2	2	2	2	2	2	2	MIN.
AC. FT.	117	117	123	123	115	123	119	123	119	123	123	119	AC. FT.

Total Acre-Feet 1444

Table A-7

LEMUNCOVE DITCH

Location: Latitude 36°24'55", longitude 119°00'22", in the SW 1/4, SW 1/4, Section 25, T17S, R27E, M08&M, Tulare County, on left bank 250 feet downstream from outlet tunnel of Terminus Dam and 2.4 miles northeast of Lemoncove.

Period of Record: June 1962 to current year.

Gage: Water-stage recorder and Parshall flume. Datum of gage is 546.3 feet above mean sea level.

Average Discharge: 18 years, 4.94 cfs, 3,580 acre-feet per year.

Extremes for Period of Record: Maximum daily discharge, 8.8 cfs on May 5, 1970; minimum, no flow at times.

Remarks: Records excellent.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LEMUNCOVE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.1	1.1	.9	1.0	7.0	1.0	7.0	8.1	8.0	7.9	8.1	8.0	1
2	8.1	1.1	1.0	1.0	7.0	1.0	7.0	8.0	8.0	7.8	8.1	8.0	2
3	8.1	1.1	1.0	1.0	6.2	1.0	7.0	7.9	8.0	7.9	8.1	8.0	3
4	8.1	1.1	1.0	1.0	4.5	1.0	7.0	8.0	7.4	8.0	8.1	8.0	4
5	8.1	1.1	1.1	1.1	3.4	1.0	7.0	8.1	7.0	8.0	8.1	8.0	5
6	8.1	1.0	1.1	1.0	2.0	1.0	7.0	7.8	7.0	8.0	8.1	8.0	6
7	8.1	1.1	1.1	1.0	1.2	1.0	7.0	6.4	7.0	8.0	8.1	8.0	7
8	8.1	1.3	1.1	1.0	1.2	1.0	7.0	5.9	7.6	8.0	8.1	8.0	8
9	8.1	1.3	1.0	1.0	1.2	1.0	7.0	5.9	8.1	8.0	8.1	8.0	9
10	8.1	1.3	1.0	1.0	1.2	1.1	7.0	5.9	8.1	8.0	8.0	8.0	10
11	4.2	1.3	1.0	1.1	1.2	1.1	6.0	7.1	8.1	8.0	9.0	8.0	11
12	1.4	1.3	1.1	1.1	1.2	1.1	5.1	8.0	8.1	7.9	8.0	8.1	12
13	1.3	1.3	1.1	1.1	1.2	1.1	3.8	8.0	8.1	8.1	8.0	8.1	13
14	1.3	1.3	1.1	1.0	1.2	1.1	3.2	7.9	8.1	8.2	8.1	8.1	14
15	1.3	1.3	1.1	1.0	1.2	1.1	3.3	7.8	8.1	8.1	8.1	8.1	15
16	1.3	1.3	1.0	3.0	1.2	1.1	3.3	7.8	8.1	8.1	8.1	8.1	16
17	1.3	2.4	1.0	4.0	1.2	1.2	3.3	7.8	8.1	8.1	8.1	8.1	17
18	1.3	3.0	1.0	4.0	1.2	1.2	3.3	7.7	8.1	8.1	8.1	8.1	18
19	2.4	4.5	1.1	4.1	1.2	1.2	3.3	7.8	8.1	8.1	8.1	8.1	19
20	4.0	5.9	1.1	4.1	1.2	2.4	3.3	8.0	8.1	8.1	8.0	8.1	20
21	6.0	6.4	1.1	5.4	1.1	3.1	3.3	7.5	8.1	8.1	8.0	8.1	21
22	7.0	6.2	1.1	6.0	1.1	3.1	3.3	7.0	8.2	8.1	8.0	8.1	22
23	7.0	6.2	1.1	6.0	1.1	3.1	3.2	7.0	8.2	8.1	8.0	8.1	23
24	7.0	6.2	1.1	6.0	1.1	3.1	6.0	7.0	8.1	8.1	8.0	8.1	24
25	7.0	6.2	1.1	6.0	1.1	3.1	8.0	7.0	8.0	8.1	8.0	8.1	25
26	7.0	6.2	1.0	6.0	1.1	3.0	8.0	7.3	8.0	8.1	8.0	8.1	26
27	7.0	6.3	1.0	6.3	1.1	3.0	8.0	8.0	8.0	8.1	8.0	8.1	27
28	7.0	2.8	1.0	7.0	1.1	3.0	8.0	8.0	8.0	8.1	8.0	8.1	28
29	7.0	1.0	1.0	7.0	1.1	5.0	8.0	8.0	8.0	8.1	8.0	8.1	29
30	3.5	1.0	1.0	7.0	7.0	7.0	8.0	8.0	8.0	8.1	8.0	8.1	30
31	1.1		1.0	7.0	7.0	7.0	8.1	8.0		8.1	8.0		31
MEAN													MEAN
MAX.	8.1	6.4	1.1	7.0	7.0	7.0	8.1	8.1	8.2	8.2	8.1	8.1	MAX.
MIN.	1.1	1.0	.9	1.0	1.1	1.0	3.2	5.9	7.0	7.8	8.0	8.0	MIN.
AC. FT.	332	166	64	207	113	131	341	462	472	495	495	480	AC. FT.

Total Acre-Feet 3758

Table A-7 (Cont'd)

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LEMONCOVE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.8	4.7	2.9	1.0	1.1	3.2	5.1	7.4	8.0	8.1	8.2	8.1	1
2	0	4.8	2.9	1.0	1.4	3.2	5.1	7.4	8.0	8.1	8.1	8.1	2
3	0	4.9	2.9	1.0	1.4	3.3	5.1	7.4	8.0	8.1	8.1	8.1	3
4	0.7	4.9	2.8	1.0	1.1	3.3	5.1	7.4	8.0	8.0	8.1	8.1	4
5	1.1	4.8	2.8	1.0	1.0	3.3	5.1	7.4	8.0	8.0	8.1	8.1	5
6	1.1	4.8	3.6	1.0	1.0	3.3	5.1	7.4	8.0	8.0	8.1	8.1	6
7	1.1	4.8	3.9	1.0	1.1	3.8	5.1	7.4	8.0	8.0	8.0	8.1	7
8	1.0	4.8	4.0	.9	1.2	4.5	5.6	7.4	8.1	8.0	8.0	8.1	8
9	1.0	4.8	4.1	.8	1.2	4.7	6.0	5.5	8.1	8.0	8.0	8.1	9
10	1.0	4.8	3.8	2.0	1.2	4.7	6.0	3.7	8.1	8.2	8.0	8.0	10
11	1.0	4.8	3.7	3.1	1.2	4.7	6.0	3.2	8.1	8.2	8.0	8.0	11
12	4.5	4.5	3.5	2.9	1.2	4.7	6.6	2.4	8.1	8.2	8.0	8.0	12
13	7.0	5.6	3.7	2.9	1.2	4.7	7.2	1.0	8.1	8.2	8.0	8.0	13
14	7.0	6.2	3.7	2.9	1.2	4.7	7.2	1.0	8.1	8.2	8.0	8.0	14
15	7.1	6.2	3.8	2.9	1.2	4.7	7.2	1.0	8.1	8.2	7.9	8.1	15
16	7.1	4.3	4.0	2.9	1.1	4.7	7.2	2.3	8.1	8.3	7.9	8.0	16
17	7.1	3.5	3.5	2.9	1.1	2.6	7.2	5.0	8.1	8.3	8.2	8.0	17
18	7.1	3.0	2.8	1.8	1.8	1.1	7.2	5.0	8.1	8.3	8.2	8.0	18
19	7.1	3.0	3.1	1.2	3.1	1.1	7.2	5.0	8.1	8.3	8.2	8.0	19
20	7.1	3.0	2.9	1.1	3.1	1.1	7.2	5.0	8.1	8.3	8.2	8.0	20
21	7.0	3.1	3.1	1.2	3.1	1.1	7.2	5.0	8.1	8.3	8.2	8.0	21
22	7.0	3.5	3.7	1.1	3.1	1.1	7.3	5.0	8.1	8.4	8.2	8.0	22
23	7.0	3.6	4.1	1.1	3.1	1.3	7.4	5.0	7.8	8.3	8.1	8.0	23
24	7.0	3.4	4.2	1.2	3.1	2.0	7.4	5.6	8.0	8.2	8.2	8.0	24
25	7.0	3.2	4.2	1.2	3.1	1.9	7.4	6.4	8.1	8.2	8.2	8.0	25
26	7.0	2.9	4.2	1.2	3.2	1.9	7.4	6.9	8.1	8.2	8.2	8.0	26
27	7.1	2.8	4.2	1.2	3.2	2.0	7.4	7.5	8.1	8.2	8.2	8.0	27
28	7.1	2.8	3.9	1.1	3.2	2.7	7.4	8.0	8.1	8.2	8.2	8.0	28
29	6.1	2.8	3.8	1.1	3.1	4.4	7.4	8.0	8.1	8.2	8.2	8.0	29
30	5.1	2.8	4.0	1.1	3.1	5.1	7.4	8.0	8.1	8.2	8.2	8.0	30
31	5.1	2.8	2.2	1.1	3.1	5.1	7.4	8.0	8.1	8.2	8.1	8.0	31
MEAN													MEAN
MAX.	7.1	6.2	4.2	3.1	3.2	5.1	7.4	8.0	8.1	8.4	8.2	8.1	MAX.
MIN.	0	2.8	2.2	.8	1.0	1.1	5.1	1.0	7.8	8.0	7.9	8.0	MIN.
AC. FT.	290	243	218	95	105	198	391	343	480	503	498	478	AC. FT.

Total Acre-Feet 3842

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LEMONCOVE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.0	8.1	3.0	1.0	.9	1.0	1.1	1.1	7.9	8.0	8.0	7.8	1
2	8.0	8.1	4.3	.9	.9	1.0	1.1	1.1	7.9	8.1	8.0	7.7	2
3	8.0	8.1	5.0	1.0	.9	1.1	1.1	1.1	8.0	8.1	8.0	7.8	3
4	8.0	8.1	5.0	1.0	.9	1.1	1.1	1.1	7.9	8.1	8.0	7.8	4
5	8.0	6.8	5.0	1.0	1.0	1.1	1.1	1.2	7.9	8.1	8.0	4.1	5
6	8.0	6.0	5.0	1.0	.9	1.1	1.1	1.2	8.0	8.1	8.0	1.1	6
7	8.0	6.0	5.0	1.0	.8	1.1	1.1	1.2	8.0	8.1	8.0	1.0	7
8	8.0	6.0	5.1	1.0	.9	1.1	1.1	1.2	8.0	8.1	8.0	1.0	8
9	8.0	6.0	5.1	1.0	1.0	1.1	1.1	1.2	8.0	8.1	8.0	1.0	9
10	8.0	4.8	5.1	1.0	1.0	1.1	1.1	1.2	8.0	8.1	8.0	1.0	10
11	8.0	4.1	5.1	1.0	1.0	1.1	1.1	1.4	8.0	8.1	8.0	1.0	11
12	8.0	4.1	5.1	1.0	1.0	1.1	1.1	1.9	8.0	8.1	8.0	1.0	12
13	8.1	4.1	5.1	1.0	1.0	1.1	1.1	2.0	8.0	8.1	8.0	1.0	13
14	8.1	4.0	5.1	1.0	1.0	1.1	1.1	2.0	8.0	8.1	8.0	1.0	14
15	8.1	4.0	2.3	1.0	1.0	1.1	1.1	3.4	8.0	8.1	8.0	1.0	15
16	8.1	4.0	1.0	1.0	1.0	1.1	1.1	6.2	8.0	8.1	8.0	1.0	16
17	8.1	4.0	1.0	1.0	1.0	1.1	1.1	6.2	8.0	8.1	8.0	2.9	17
18	8.1	4.0	1.0	1.0	1.0	1.1	1.0	6.2	8.0	8.1	8.0	4.2	18
19	8.1	4.0	1.0	1.0	1.0	1.1	1.0	6.0	8.0	8.1	8.0	4.2	19
20	8.1	4.0	1.0	1.0	1.0	1.0	1.0	6.0	8.0	8.1	8.0	4.2	20
21	8.0	4.0	.9	.8	1.0	1.2	1.1	6.0	8.0	8.1	8.0	4.2	21
22	8.0	4.0	1.0	.8	1.0	1.1	1.1	7.3	8.0	8.1	8.0	4.2	22
23	8.0	2.6	1.1	.8	1.0	1.1	1.1	8.1	8.0	8.0	8.0	4.2	23
24	8.0	2.0	1.1	.8	1.0	1.1	1.1	8.1	8.0	8.0	8.0	4.2	24
25	8.0	2.0	1.1	.8	1.0	1.1	1.1	8.1	8.0	8.0	8.0	4.2	25
26	8.0	2.0	1.1	.9	1.0	1.1	1.1	8.0	8.0	8.0	8.0	4.9	26
27	8.0	2.0	1.1	.9	1.0	1.1	1.1	8.0	8.0	7.9	8.0	5.9	27
28	8.1	2.4	1.1	.9	1.0	1.1	1.1	8.0	8.0	7.8	8.0	5.9	28
29	8.1	3.0	1.1	.9	1.0	1.1	1.1	8.0	8.0	7.9	8.0	6.6	29
30	8.1	3.0	1.0	.9	1.0	1.1	1.1	8.0	8.0	8.0	8.0	7.0	30
31	8.1	3.0	1.0	.9	1.0	1.1	1.1	8.0	8.0	8.0	8.0	7.0	31
MEAN													MEAN
MAX.	8.1	8.1	5.1	1.0	1.0	1.2	1.1	8.1	8.0	8.1	8.0	7.8	MAX.
MIN.	8.0	2.0	.9	.8	.8	1.0	1.0	1.1	7.9	7.8	8.0	1.0	MIN.
AC. FT.	494	268	172	58	54	67	65	275	475	495	492	224	AC. FT.

Total Acre-Feet 3139

Table A-7 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		LEMONCOVE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7	7.1	1.9	1	.9	.8	.8	9.1	8	8	7.9	8.2	1
2	7.1	7.1	1.8	1	.9	.8	.9	8.1	8	8	8	8.2	2
3	7.1	7.1	1.8	1	.9	.8	.9	8.1	8	8	8	8.2	3
4	7.1	7.1	1.9	1	.9	.8	.9	8.1	8	8	8	8.2	4
5	7.1	7.1	2.1	1	.9	.8	1	8.1	8	8	8	8.2	5
6	7.1	5.6	2.1	1	.9	.8	1	8.1	8	8	8	8.2	6
7	7.1	5	2.1	1	.9	.8	1	8.1	8	8	8	8.2	7
8	7.1	5	2.1	1	.9	.8	1.1	8.1	8	8	8	8.2	8
9	7	5	2.1	1	.9	.8	1.4	8.1	8	8	8	8.2	9
10	7	5	2.1	1	.9	.8	2	8.1	8	8	8	8.2	10
11	7	5	2.1	1	.9	.8	2	8.1	8	8	8	8.2	11
12	7	5	2.1	.9	.9	.8	2	8.1	8	8	8	8.2	12
13	7	5	2.1	.9	.9	.8	2	8.1	8	8	8	8.2	13
14	7	5	2.1	.9	.4	.8	2	8.1	8	8	7.9	8.2	14
15	7	4.1	2.1	.9	0	.8	2	8.1	8	8	8	8.2	15
16	7	2.7	2.1	.9	0	.8	2.8	8.1	8	8	8	8.2	16
17	7	2.9	2.1	.9	0	.8	4	8.1	8	8	8	8.2	17
18	7	2.9	2.1	.9	0	.8	4	8	8	8	8	8.2	18
19	7	2.9	2.1	.8	0	.8	4	8	8	8	8	8.2	19
20	7	2.9	2.1	.8	0	.8	4	8	8	8	8	8.2	20
21	7	2.9	2.1	1	0	.8	4	8	8	7.9	8.1	8.2	21
22	7	2.9	1.5	.9	0	.8	4	8	7.9	7.8	8.1	8.2	22
23	7	2.9	1	1	0	.9	4	8	7.9	7.7	8.1	8.2	23
24	6.9	2.9	1	1	0	.9	4	8	8	7.8	8.1	8.2	24
25	6.9	2.9	1	1	0	.9	4	8	8	8	8.1	8.2	25
26	7.1	2.9	1	1	.7	.9	4	8	8	8	8.1	8.2	26
27	7.1	2.4	1	1	1	.8	4	8	8	8	8.1	8.2	27
28	7.1	2	1	1	.9	.8	4	8	8	7.9	8.1	8.2	28
29	7.1	2	1	1	1	.8	4	8	8	7.9	8.1	8.2	29
30	7.1	2	1	1	1	.8	5.9	8	8	8	8.1	8.2	30
31	7.1	2	1	1	1	.8	.8	8	8	7.8	8.2	8.2	31
MEAN													MEAN
MAX.	7.1	7.1	2.1	1	1	.9	5.9	8.1	8	8	8.2	8.2	MAX.
MIN.	6.9	2	1	.8	0	.8	.8	8	7.9	7.7	7.9	8.2	MIN.
AC. FT.	433	249	106	59	29	50	162	495	476	490	494	488	AC. FT.

Total Acre-Feet 3531

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		LEMONCOVE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.8	5.1	3.1	2.9	1.4	1.4	0	6.3	6.3	6.8	8.0	8.0	1
2	7.1	5.1	3	2.9	1.4	1.4	.6	6.3	6.3	6.8	8	8	2
3	7.1	4.8	3.1	2.9	1.4	1.4	.9	6.3	6.3	6.8	8	8	3
4	7.1	4.7	3.2	2.9	1.4	1.4	4.5	6.3	6.3	6.8	8	8	4
5	7.1	3.6	3.2	2.9	1.4	1.4	7.0	6.3	6.3	6.8	8	8.2	5
6	7.1	3	3.2	2.9	1.4	1.4	6.9	6.3	6.3	6.8	8	8.2	6
7	7.1	3.1	3.1	2.9	1.4	1.4	3.4	6.3	6.3	6.8	8	8.2	7
8	7.1	3.1	2.6	2.9	1.4	1.3	1	6.3	6.3	6.8	8	8.2	8
9	7.1	3	2.6	2.7	1.4	1.3	1.7	6.3	6.3	6.8	8	7.5	9
10	7	3	2.6	1	1.5	1.3	3	6.3	6.3	6.8	8	7	10
11	7.1	3	2.7	.1	1.5	1.3	3	6.3	6.3	6.8	8	7	11
12	7.1	3	2.7	.1	1.5	1.3	2.8	6.3	6.3	6.8	8	7	12
13	7.1	2.9	2.8	0	1.5	1.3	2.8	6.3	6	6.8	8	7	13
14	7.1	2.8	2.5	.8	1.5	1.3	2.9	6.3	6	6.8	8	7	14
15	7.2	2.6	2.5	1.6	1.5	1.3	2.9	6.3	6	6.8	8.1	7	15
16	7.3	2.7	2.6	1.6	1.5	1.3	3	6.3	6	6.8	8	7	16
17	7.4	2.9	4.9	1.6	1.5	1.3	4	6.3	6	6.8	8	7	17
18	7.4	2.8	6	1.5	1.5	1.3	6.1	6.3	6	6.8	8	7.1	18
19	7	2.8	6	1.5	1.5	1.3	6.2	6.3	6	6.9	8	7.1	19
20	7	2.7	6	1.5	1.5	1.3	6.2	6.3	6	6.9	8	7.1	20
21	7	2.7	5	1.5	1.5	1.3	6.2	6.3	6	6.9	8	7.1	21
22	7	2.7	3	1.5	1.5	1.2	6.2	6.3	6	6.9	8.1	7.1	22
23	7.1	2.7	2.8	1.5	1.5	1.3	6.2	6.3	6.5	6.9	8.1	7.1	23
24	7.1	2.7	3	1.4	1.5	1.3	6.2	6.3	6.8	6.9	8.1	7.1	24
25	7.1	2.7	3	1.4	1.5	1.3	6.2	6.3	6.8	6.9	8.1	7	25
26	7.1	2.7	3	1.4	1.5	1.3	6.4	6.3	6.8	6.9	8.1	7	26
27	7.1	2.7	3	1.4	1.5	1.3	6.4	6.3	6.8	6.9	8.1	7	27
28	7.1	2.3	3	1.4	1.5	1.3	6.4	6.3	6.8	6.9	8.1	7	28
29	7.1	2.6	3	1.4	1.5	1.3	6.4	6.3	6.8	6.9	8.1	7	29
30	5.7	3.2	2.9	1.4	1.4	1.3	6.3	6.3	6.8	7.5	8	7	30
31	5.1		2.9	1.4		.7		6.3		7.5	8		31
MEAN													MEAN
MAX.	7.8	5.1	6	2.9	1.5	1.4	7	6.3	6.8	7.5	8.1	8.2	MAX.
MIN.	5.1	2.3	2.5	0	1.4	.7	0	6.3	6	6.8	8	7	MIN.
AC. FT.	432	186	204	105	84	80	261	387	376	423	494	436	AC. FT.

Total Acre-Feet 3468



Table A-8

FOOTHILL DITCH

Location: Latitude 36°24'48", longitude 119°00'47", in the NW 1/4, Section 35, T17S, R27E, MDB&M, Tulare County, 0.5 mile below head of ditch.

Point of Diversion: In the SE 1/4, Section 26, T17S, R27E, MDB&M, 3 miles above McKay Point on the south bank of the Kaweah River.

Maximum Diversion Capacity: 20 cfs.

Operating Agency: Foothill Ditch Company.

Gross Service Area: 2,150 acres.

Period of Record: 1917 to current year; intermittent during 1917, 1918, 1920, 1924, 1925, and 1926; no record for 1919.

Gage: Weir installed July 29, 1917; Parshall flume April 1, 1936. Water-stage recorder in operation since 1936.

Remarks: Includes water data shown in Table A-9.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10.2	0	5.6	10.8	5.0	0	7.3	8.1	10.0	10.4	10.4	9.6	1
2	10.2	0	0	10.8	1.0	0	7.3	8.7	9.9	10.4	10.6	9.8	2
3	10.2	0	0	10.8	0	0	7.3	8.9	9.4	10.4	10.7	7.8	3
4	10.2	0	0	10.8	0	0	7.7	9.0	9.5	10.5	10.8	8.3	4
5	10.5	0	0	3.6	0	0	8.7	9.5	9.6	10.6	10.7	7.8	5
6	10.6	0	0	10.8	0	0	9.1	10.0	9.6	10.6	10.6	7.5	6
7	10.1	0	0	5.1	0	0	9.3	10.0	9.5	10.5	10.2	7.3	7
8	10.0	0	0	0	0	0	9.7	10.0	9.5	10.4	10.1	6.9	8
9	10.0	0	0	0	0	0	10.4	10.5	9.5	10.4	10.0	6.8	9
10	10.0	0	0	0	0	0	10.4	10.5	9.5	10.4	8.7	6.6	10
11	3.0	0	0	0	0.0	0	10.4	10.4	9.5	10.3	8.2	5.9	11
12	0	0	0	0	0.0	0	9.5	10.4	9.5	10.2	9.2	6.1	12
13	0	0	0	0	0.0	0	8.5	10.4	9.6	9.8	10.0	6.6	13
14	2.4	0	6.1	0	1.2	0	7.5	10.4	7.4	9.7	10.0	6.6	14
15	5.4	0	10.8	0	1.2	0	6.4	10.4	10.5	9.5	10.0	6.4	15
16	6.3	0	10.8	0	1.8	0	6.1	10.4	10.8	10.0	9.8	6.4	16
17	6.4	0	10.8	0	1.0	0	5.9	10.8	9.2	10.0	9.7	6.4	17
18	6.4	5.5	10.8	5.4	0	0	4.4	10.9	8.7	10.0	9.7	6.3	18
19	6.4	5.8	9.2	6.4	0	0	4.7	10.8	8.7	10.2	9.7	6.6	19
20	6.4	5.7	7.7	7.7	0	0	5.3	10.8	8.7	10.4	9.6	6.8	20
21	6.0	5.5	7.7	7.7	0	0	5.3	10.4	8.5	10.4	9.6	7.2	21
22	5.9	5.5	7.7	7.7	0	0	5.3	10.0	8.9	10.3	9.7	6.6	22
23	6.2	5.5	9.1	9.1	0	0	5.3	10.0	9.6	10.2	9.7	6.2	23
24	6.2	5.7	11.0	11.0	0	0	5.3	10.0	10.2	10.0	9.7	7.0	24
25	6.2	5.7	11.0	11.0	0	0	5.3	10.0	10.0	9.1	9.7	7.3	25
26	6.2	5.7	10.6	10.9	0	0	5.3	9.8	9.7	9.3	9.7	7.3	26
27	6.2	5.7	10.6	10.6	0	0	5.5	7.2	10.3	9.3	9.6	7.3	27
28	6.2	1.5	10.6	10.6	0	0	6.2	6.2	10.3	10.0	9.5	7.3	28
29	6.2	7.3	10.6	10.6	0	6.8	8.1	8.7	10.4	10.2	9.5	4.8	29
30	2.9	11.3	10.6	10.6	0	7.2	8.1	10.0	10.4	10.2	8.3	0	30
31	0	0	10.6	10.6	0	7.3	8.1	10.2	10.4	10.4	9.1	0	31
MEAN	10.6	11.3	10.8	11.0	5.0	7.3	10.4	10.9	10.8	10.6	10.8	9.8	MEAN
MAX.	0	0	0	0	0	0	4.4	6.2	7.4	9.3	8.2	0	MAX.
MIN.	403	152	163	382	22	42	444	602	569	623	601	404	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4407

Table A-8 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	5.0	3.5	1.6	0	5.5	6.4	7.9	8.8	9.1	9.1	7.2	1
2	0	4.5	3.5	1.4	0	4.7	6.4	8.1	8.8	9.5	9.1	8.5	2
3	0	4.4	3.5	1.1	0	3.9	6.4	7.7	8.8	10.0	8.7	8.5	3
4	0	4.4	3.5	0	0	3.6	6.4	7.8	8.9	9.7	8.5	9.1	4
5	0	4.3	3.5	0	0	3.2	8.3	7.6	8.9	8.3	8.5	8.0	5
6	0	4.3	3.5	0	0	3.1	7.7	5.5	8.9	7.7	8.5	8.1	6
7	0	4.2	3.8	0	0	3.9	7.0	4.1	8.9	8.1	8.5	8.6	7
8	0	4.1	4.2	0	0	4.5	7.0	3.5	8.8	9.5	8.5	8.2	8
9	0	3.9	4.2	0	0	4.0	7.0	3.3	8.6	9.7	9.5	8.3	9
10	0	5.0	4.2	0	0	4.1	7.0	3.4	7.5	9.7	10.0	5.9	10
11	4.5	5.5	4.2	0	0	4.2	8.1	2.8	6.8	9.8	10.0	6.2	11
12	5.9	5.5	4.2	0	0	4.3	9.0	2.8	6.8	10.0	10.0	7.2	12
13	5.9	5.5	4.3	0	0	4.4	9.3	1.9	8.8	9.8	10.0	7.0	13
14	5.9	2.3	4.5	0	0	4.4	9.1	1.4	9.2	9.8	10.0	6.8	14
15	5.9	2.5	4.7	0	0	4.2	8.9	1.1	9.1	9.8	10.0	5.7	15
16	5.9	4.7	4.7	0	0	2.9	6.8	2.9	9.1	10.0	9.9	4.1	16
17	5.9	5.4	4.7	0	0	1.5	6.8	3.2	9.1	10.0	9.7	6.1	17
18	7.2	5.7	4.7	0	0	2.5	7.5	3.8	8.0	10.0	9.7	6.1	18
19	7.5	5.7	4.7	0	0	3.1	7.8	4.0	7.7	9.7	9.7	5.8	19
20	7.5	5.7	4.7	0	3.5	3.1	7.5	3.9	9.1	9.3	9.3	3.6	20
21	8.0	5.7	4.8	0	5.5	3.3	7.5	3.9	9.3	9.3	8.7	3.6	21
22	8.3	5.7	4.7	0	5.4	4.2	7.5	3.9	9.1	9.1	8.6	5.7	22
23	8.3	5.7	4.5	0	5.4	4.5	7.8	5.7	9.1	9.1	8.7	7.7	23
24	7.3	5.7	4.4	0	5.4	4.5	7.9	6.8	9.1	9.1	8.6	7.7	24
25	5.9	4.9	4.4	0	4.6	4.5	9.5	7.2	9.1	9.1	8.4	7.7	25
26	4.6	4.1	4.5	0	4.4	4.4	10.1	7.2	9.1	9.1	8.5	6.7	26
27	4.4	4.1	5.4	0	5.0	4.8	10.0	6.7	9.3	9.1	9.7	6.6	27
28	4.2	4.1	5.9	0	6.0	6.2	8.6	6.4	9.1	9.1	8.9	7.3	28
29	4.2	4.2	5.9	0	6.9	6.9	7.9	6.4	9.3	9.1	9.1	8.1	29
30	4.7	3.8	5.9	0	6.7	6.7	7.9	6.7	9.5	9.1	9.5	5.8	30
31	5.2		3.5	0	6.5	6.5		8.2		9.1	9.2		31
MEAN													MEAN
MAX.	8.3	5.7	5.9	1.6	6.0	6.9	10.1	8.2	9.5	10.0	10.0	9.1	MAX.
MIN.	0	2.3	3.5	0	0	1.5	6.4	1.1	6.8	7.7	8.4	3.6	MIN.
AC. FT.	252	279	271	8	90	261	466	309	521	575	568	399	AC. FT.

Total Acre-Feet 3993

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.3	4.4	0					0	8.5	5.5	9.5	9.5	1
2	2.1	3.9	0					0	8.5	6.6	9.5	9.5	2
3	2.2	3.3	0					0	8.5	7.2	9.5	9.5	3
4	3.8	2.8	0					0	7.9	7.3	9.5	9.1	4
5	3.8	1.0	0					0	7.9	7.3	9.5	2.3	5
6	3.8	.5	0					0	7.9	7.5	9.5	0	6
7	3.8	.5	0					0	8.1	7.5	9.5	0	7
8	3.8	.5	2.0					0	7.5	7.5	9.7	0	8
9	3.8	.5	2.3					0	8.5	7.5	9.5	0	9
10	3.8	.5	4.3					0	8.7	7.5	9.1	0	10
11	3.8	1.7	4.4					0	5.7	7.7	9.1	0	11
12	4.0	2.4	8.9	N	N	N	N	0	8.7	7.7	9.3	0	12
13	4.1	3.3	8.5	O	O	O	O	0	8.7	7.7	9.5	0	13
14	4.1	3.5	8.3					0	8.7	7.7	9.5	0	14
15	4.1	4.0	7.0					1.2	8.1	7.7	9.5	0	15
16	4.1	4.7	6.2	F	F	F	F	2.4	6.6	7.7	9.5	0	16
17	8.1	4.7	1.4	L	L	L	L	2.4	6.2	8.3	9.7	5.2	17
18	9.7	3.6	0	O	O	O	O	5.2	7.5	8.7	9.5	5.2	18
19	9.6	3.2	0	W	W	W	W	6.8	8.7	8.7	9.3	6.4	19
20	9.3	3.6	0					6.8	9.1	9.1	9.3	6.6	20
21	8.0	4.6	0					7.5	9.1	9.3	9.3	7.3	21
22	8.8	2.7	0					8.9	9.1	8.9	9.3	8.1	22
23	5.4	0	0					9.1	8.5	8.7	9.3	8.1	23
24	4.0	0	0					10.6	8.1	8.9	9.3	8.1	24
25	6.4	0	0					11.3	7.9	8.9	8.5	7.9	25
26	8.5	0	0					11.0	7.9	8.5	8.5	7.9	26
27	8.2	0	0					9.3	7.7	7.9	8.3	7.9	27
28	7.2	0	0					8.7	6.2	8.3	8.9	7.9	28
29	5.7	0	0					8.5	5.5	8.5	9.1	7.9	29
30	5.7	0	0					8.5	5.5	8.5	9.1	7.9	30
31	5.1		0					8.5		8.9	9.7		31
MEAN													MEAN
MAX.	9.7	4.7	8.9					11.3	9.1	9.3	9.7	9.5	MAX.
MIN.	2.1	0	0					0	5.5	5.5	8.3	0	MIN.
AC. FT.	331	119	106					251	475	491	571	282	AC. FT.

Total Acre-Feet 2626

Table A-8 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.7	7.7					0	7.9	8.7	9.1	9.3	10	1
2	7.7	7.9					0	7.8	8.7	9.1	9.3	9.3	2
3	7.7	7.9					0	7.5	10.6	9.1	9.3	9.1	3
4	7.7	7.9					16	7.7	12.6	9.1	9.3	8.8	4
5	7.7	7.9					15	7.5	12.6	9.1	9.3	9.2	5
6	7.7	7.9					15	7.4	10.6	9.1	9.3	9.2	6
7	7.7	7.9					16	7.3	8.9	9.1	9.2	9.3	7
8	7.7	7.9					10.6	8.7	9.1	9.1	9.1	9.3	8
9	7.7	7.9					7.2	8.7	9.1	9.1	8.9	9.3	9
10	7.7	6.1					8.5	8.7	9.1	9.1	8.5	9.2	10
11	7.7	1.4					8.7	8.7	9.2	9.1	8.3	9.1	11
12	7.7	0	H	N	N	N	9.3	8.7	9.3	9.1	8.3	9.1	12
13	7.7	0	O	O	O	O	6.3	8.7	9.3	9.1	8.5	9.2	13
14	7.7	0					4.2	8.7	9.3	9.1	9.7	9.5	14
15	7.9	0					4.1	8.7	9.3	9.3	10.5	10	15
16	7.9	0	F	F	F	F	6.6	8.7	9.2	9.3	9.3	10	16
17	7.5	0	L	L	L	L	5.4	8.7	8.5	9.3	8.4	10.2	17
18	7	0	O	O	O	O	4.5	8.7	7.9	9.3	8.1	10	18
19	6.8	0	W	W	W	W	4.5	8.7	7.5	9.3	7.8	9.5	19
20	6.6	0					5.7	8.7	7.5	9.3	9.5	9.4	20
21	6.6	0					7.5	8.7	7.5	9.3	9.3	9.5	21
22	6.6	0					7.7	8.7	8.5	9.3	9.3	9.5	22
23	7.9	0					7.9	8.7	9.1	9.3	9.3	9.5	23
24	9.1	0					8.1	8.7	9.1	9.3	9.3	9.5	24
25	8.3	0					8.7	8.7	9.1	9.3	9.3	9.3	25
26	7.9	0					9.1	8.7	9.1	9.3	9.3	9.5	26
27	7.7	0					8.2	8.7	9.1	9.3	9.3	9.6	27
28	7.7	0					7.9	8.7	9.1	9.3	9.5	9.6	28
29	7.7	0					7.9	8.7	9.1	9.3	9.3	9.7	29
30	7.7	0					7.9	8.7	9.1	9.3	8.7	9.7	30
31	7.7	0					8.7	8.7	9.1	9.3	8.5	9.7	31
MEAN													MEAN
MAX.	9.1	7.9					16	8.7	12.6	9.3	10.5	10.2	MAX.
MIN.	6.6	0					0	7.3	7.5	9.1	7.8	8.8	MIN.
AC. FT.	469	156					453	519	547	566	557	564	AC. FT.

Total Acre-Feet 2831

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	5.7	6.6					0	4.7	1.5	8.9	9.7	9.4	1
2	7	6.6					0	4.1	6.2	8.9	9.5	9.3	2
3	7.6	3.7					0	4.1	9.3	8.9	9.5	9.2	3
4	7.2	3					0	4.1	8.7	8.9	10	9.2	4
5	7.2	3.2					0	4.1	9	9.1	10.2	9.2	5
6	7.2	2.7					0	5.2	8.5	9.1	10.2	9.2	6
7	7.2	3.1					0	5.7	7.5	9.3	10.2	9.3	7
8	7	3.3					0	5.9	7.5	9.5	10.2	9.2	8
9	7	3.2					0	6.8	7.5	9.5	10.1	8.9	9
10	7	3.2					2.4	7.2	7.5	9.5	10.1	8.9	10
11	7	2.8					3.8	7.2	8.5	9.5	10.1	9.2	11
12	7	0	N	N	N	N	3.5	7.2	8.9	9.3	9.8	9.5	12
13	7	0	O	O	O	O	3.8	7.2	8.9	9.1	10	9.9	13
14	7	0					1	7.3	8.9	9.3	10	8.8	14
15	8.3	0					2.2	6.4	8.9	9.1	10	8.1	15
16	9.1	0	F	F	F	F	4.4	5.7	7.7	9.1	9.8	8.1	16
17	8.9	0	L	L	L	L	6.1	5.5	7.3	9	9.7	8	17
18	8.9	0	O	O	O	O	7.5	5.4	8.1	9	9.5	7.9	18
19	9.1	0	W	W	W	W	7.7	5.3	9	9	9.3	7.9	19
20	9.1	0					9.1	6.4	9	9.3	9.3	7.8	20
21	9.1	0					9.7	7.3	9	9.7	9.3	7.8	21
22	9.1	0					9.7	7.3	9.3	9.7	9.5	8.3	22
23	9.3	0					9.5	7.3	8.5	6.6	9.5	8.9	23
24	9.3	0					8.9	7.3	8.1	8.5	9.3	9	24
25	9.6	0					8.7	7.2	8.7	9.7	9.3	7.7	25
26	10	0					8.3	7.2	9	9.7	9.5	9.3	26
27	9.8	0					8.1	8.1	9	9.7	9.6	9.6	27
28	9.8	0					8.1	8.5	9	9.7	9.6	9.7	28
29	7.9	0					6.4	7.9	9	9.7	9.6	7.7	29
30	6.6	0					5.4	7.2	9	9.7	9.5	7.2	30
31	6.6	0						2.8		9.7	9.5		31
MEAN													MEAN
MAX.	10	6.6					9.7	8.5	9.3	9.7	10.2	9.9	MAX.
MIN.	5.7	0					0	2.8	1.5	6.6	9.3	7.2	MIN.
AC. FT.	493	82					266	384	490	567	598	520	AC. FT.

Total Acre-Feet 3400

Table A-9

FOOTHILL DITCH WATER TRANSFERRED TO TULARE COUNTY

Point of Diversion: None; this was a transfer of water in storage at Lake Kaweah.

WUTCHUMNA DITCH

Location: In the SE 1/4, Section 34, T17S, R27E, MDB&M, Tulare County, 0.3 mile below head of ditch.

Point of Diversion: SE 1/4, Section 34, T17S, R27E, MDB&M, on north bank of Kaweah River above McKay Point.

Maximum Diversion Capacity: 300 cfs.

Operating Agency: Wutchumna Ditch Company.

Gross Service Area: 10,500 acres, exclusive of areas included in Lindsay-Strathmore and Tulare irrigation districts.

Period of Record: 1917 to current year; record intermittent from January 12, 1917 to February 16, 1920.

Gage: 1917 to 1954, rated concrete control structure, checked frequently by current meter measurements; February 1954 to date, 12-foot Parshall flume.

Remarks: Table A-10a, "Wutchumna Ditch for Hawkeye Ditch". Table A-10b, "Wutchumna Ditch for Transfer".

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		FOOTHILL DITCH WATER TRANSFERRED TO TULARE COUNTY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0	3.5					1
2							0	1.5					2
3							0	0					3
4							0	0					4
5							0	0					5
6							0	0					6
7							0	0					7
8							0	0					8
9							0	0					9
10							0	0					10
11							0	0					11
12	N	N	N	N	N	N	0	0	N	N	N	N	12
13	O	O	O	O	O	O	0	0	O	O	O	O	13
14							1.5	0					14
15							3.0	0					15
16	F	F	F	F	F	F	4.5	0	F	F	F	F	16
17	L	L	L	L	L	L	4.5	0	L	L	L	L	17
18	O	O	O	O	O	O	4.5	0	O	O	O	O	18
19	W	W	W	W	W	W	4.5	0	W	W	W	W	19
20							4.0	0					20
21							4.0	0					21
22							4.0	0					22
23							4.0	0					23
24							4.0	0					24
25							4.0	0					25
26							4.0	0					26
27							3.6	0					27
28							3.6	0					28
29							3.6	0					29
30							3.6	0					30
31							0	0					31
MEAN							4.5	3.5					MEAN
MAX.							0	0					MAX.
MIN.							129	10					MIN.
AC. FT.													AC. FT.

Total Acre-Feet 139

Table A-9 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		FOOTHILL DITCH WATER TRANSFERRED TO TULARE COUNTY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	4.0	5.1	3.0									1
2	0	4.0	5.1	3.0									2
3	0	4.0	5.1	3.0									3
4	0	4.0	5.1	6.5									4
5	0	4.0	5.1	9.6									5
6	6.0	4.0	5.5	9.6									6
7	9.1	4.0	6.0	9.6									7
8	9.1	4.5	6.0	9.6									8
9	9.1	5.1	6.0	9.6									9
10	9.1	5.1	6.0	9.6									10
11	5.0	5.1	6.0	9.6									11
12	2.6	5.1	6.0	9.6	N	N	N	N	N	N	N	N	12
13	3.0	5.1	5.5	9.6	O	O	O	O	O	O	O	O	13
14	3.0	5.1	5.1	9.6									14
15	3.0	6.0	5.1	9.6									15
16	3.0	5.5	5.1	9.6	F	F	F	F	F	F	F	F	16
17	3.0	5.1	5.1	9.6	L	L	L	L	L	L	L	L	17
18	2.6	5.1	5.1	9.6	O	O	O	O	O	O	O	O	18
19	2.0	5.1	5.1	9.6	W	W	W	W	W	W	W	W	19
20	2.0	5.1	4.5	9.6									20
21	2.0	5.1	4.0	9.6									21
22	2.0	4.5	4.0	9.6									22
23	2.0	4.0	4.0	3.5									23
24	2.0	4.0	4.0	0									24
25	2.6	4.0	4.0	0									25
26	3.6	4.0	4.0	0									26
27	4.0	4.0	3.5	0									27
28	4.0	4.0	3.0	0									28
29	4.0	4.5	3.0	0									29
30	4.0	5.1	3.0	0									30
31	4.0		3.0	0									31
MEAN	9.1	6.0	6.0	9.6									MEAN
MAX.	0	4.0	3.0	0									MAX.
MIN.													MIN.
AC. FT.	210	274	292	380									AC. FT.

Total Acre-Feet 1156

Table A-10

WUTCHUMNA DITCH

Location: In the SE 1/4, Section 34, T17S, R27E, MUB&M, Tulare County, 0.3 mile below head of ditch.

Point of Diversion: SE 1/4, Section 34, T17S, R27E, MUB&M, on north bank of Kaweah River above McKay Point.

Maximum Diversion Capacity: 300 cfs.

Operating Agency: Wutchumna Ditch Company.

Gross Service Area: 10,500 acres, exclusive of areas included in Lindsay-Strathmore and Tulare Irrigation Districts.

Period of Record: 1917 to current year; record intermittent from January 12, 1917 to February 16, 1920.

Gage: 1917 to 1954, rated concrete control structure, checked frequently by current meter measurements; February 1954 to date, 12-foot Parshall flume.

Remarks: Table A-10a, "Wutchumna Ditch for Hawkeye Ditch". Table A-10b, "Wutchumna Ditch for Transfer".

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8	41	20	16	9	36	38	106	44	8	13	1	1
2	8	41	21	16	9	66	40	128	42	8	17	0	2
3	8	33	22	17	9	82	41	153	40	8	16	0	3
4	8	26	28	17	9	58	43	166	37	8	15	0	4
5	9	26	34	17	12	38	42	167	37	8	12	0	5
6	8	25	34	16	16	35	41	168	31	8	10	0	6
7	13	24	34	15	21	34	40	171	28	10	9	10	7
8	19	25	28	15	23	33	36	138	28	11	9	18	8
9	21	25	23	14	21	33	40	113	25	10	9	17	9
10	17	22	22	14	25	32	42	140	22	9	9	17	10
11	17	20	21	14	32	34	42	155	22	9	8	13	11
12	15	20	21	13	29	34	45	155	23	8	8	12	12
13	33	19	21	14	25	33	45	163	26	8	8	33	13
14	50	18	21	16	23	33	46	166	24	9	10	51	14
15	51	18	20	17	23	34	47	166	22	8	16	55	15
16	50	18	19	15	23	39	43	166	20	8	11	56	16
17	47	17	19	14	20	44	44	164	19	9	9	56	17
18	42	16	19	14	20	48	43	164	18	10	8	56	18
19	42	15	19	14	20	51	41	163	18	10	8	56	19
20	34	14	19	14	23	51	42	129	17	10	8	52	20
21	25	13	19	14	26	51	48	106	16	9	15	24	21
22	18	13	17	12	26	44	65	95	14	9	22	14	22
23	17	13	17	11	24	42	99	90	13	10	13	14	23
24	17	12	18	11	21	46	115	74	12	11	8	13	24
25	17	12	18	11	20	44	117	64	10	11	11	11	25
26	17	9	18	11	19	43	131	62	10	8	9	11	26
27	19	9	17	11	19	47	131	61	10	8	6	10	27
28	32	16	17	10	19	49	94	59	10	9	8	10	28
29	41	20	17	9	20	43	68	58	99	10	11	9	29
30	41	20	17	9	9	35	73	54	8	17	8	12	30
31	41		16	9		34		49		15	5		31
MEAN													MEAN
MAX.	51	41	34	17	32	82	131	171	44	17	22	56	MAX.
MIN.	8	9	16	9	9	32	36	49	8	8	5	0	MIN.
AC. FT.	1557	1190	1301	833	1162	2630	3535	7563	1299	583	653	1252	AC. FT.

Total Acre-Feet 23558

Table A-10 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	22	9	8	9	9	15	12	45	76	104	113	34	1
2	28	10	8	9	9	14	12	44	80	106	112	32	2
3	28	10	8	13	9	13	12	41	81	106	112	31	3
4	37	10	8	21	18	12	12	39	82	106	108	31	4
5	51	10	8	18	22	11	15	35	82	106	108	30	5
6	56	8	8	13	17	11	19	33	78	106	102	29	6
7	43	7	8	10	15	11	29	31	74	106	103	29	7
8	22	9	8	9	11	11	41	29	80	118	106	29	8
9	18	8	8	9	10	11	51	30	83	128	108	29	9
10	18	8	8	8	9	13	55	31	81	128	106	29	10
11	16	8	8	8	8	13	39	32	83	120	100	29	11
12	14	8	7	8	5	13	33	35	85	111	103	29	12
12	13	8	8	8	5	13	38	37	85	109	106	67	12
14	12	8	8	9	9	13	40	34	86	110	106	152	14
15	11	8	8	9	8	13	40	34	86	110	103	173	15
16	10	9	8	9	8	12	47	34	95	107	104	136	16
17	11	9	8	9	8	14	53	41	99	107	100	12	17
18	10	9	9	9	9	14	63	44	103	110	65	6	18
19	9	9	9	9	9	12	73	35	103	111	51	3	19
20	9	9	8	9	9	11	70	37	106	108	35	3	20
21	9	10	9	9	11	11	52	47	83	107	35	3	21
22	9	9	9	10	13	12	43	53	69	107	34	3	22
23	9	8	9	10	23	15	40	67	64	106	34	1	23
24	9	8	9	10	25	16	39	78	65	107	35	0	24
25	10	8	8	10	19	18	42	78	66	103	4.0	0	25
26	10	8	8	10	19	20	42	77	64	103	4.2	0	26
27	11	8	9	10	18	20	44	68	76	107	4.0	0	27
28	9	9	8	10	17	18	45	60	86	110	4.0	0	28
29	9	9	9	10	16	16	45	60	101	106	39	0	29
30	9	9	9	10	16	16	45	60	104	102	38	0	30
31	8	9	9	9	14	14	44	68	104	108	36	0	31
MEAN	56	10	9	21	25	20	73	78	106	128	113	173	MEAN
MAX.	8	7	7	8	5	11	12	29	64	102	31	0	MAX.
MIN.	1071	516	510	623	698	845	2362	2850	4963	6710	4689	1825	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 27,662

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	6	20	114	53	51	96	107	285	263	158	24	1
2	0	5	20	115	50	35	108	107	285	262	156	24	2
3	0	6	20	84	47	25	107	107	286	251	153	24	3
4	0	9	20	53	44	8	105	108	286	238	147	25	4
5	0	12	21	43	44	5	105	109	288	234	137	102	5
6	0	13	22	45	56	4	93	109	295	238	131	233	6
7	7	16	20	58	118	3	79	109	288	240	105	296	7
8	16	24	8	68	167	3	82	109	288	244	80	236	8
9	16	20	12	53	216	16	82	109	299	239	66	172	9
10	16	20	9	74	148	45	82	110	309	239	58	106	10
11	15	20	9	180	51	54	83	185	309	240	57	71	11
12	9	20	8	120	89	53	83	301	309	226	55	67	12
13	7	20	8	59	84	65	84	306	309	213	45	60	13
14	6	19	8	56	53	77	93	324	310	214	55	54	14
15	5	17	9	74	55	77	102	330	310	219	49	55	15
16	6	16	15	153	53	77	102	331	309	217	42	58	16
17	3	14	19	238	52	77	101	337	305	210	42	58	17
18	0	8	20	261	52	77	102	337	302	202	40	52	18
19	0	7	45	253	52	77	102	337	302	191	37	46	19
20	0	7	78	208	51	77	102	339	301	184	37	40	20
21	0	13	77	175	51	74	103	342	301	180	36	37	21
22	0	18	66	174	51	71	102	340	301	180	34	36	22
23	0	17	43	183	67	73	102	337	302	181	30	34	23
24	8	16	44	119	78	76	102	337	301	180	26	34	24
25	9	17	37	68	78	77	103	336	301	176	25	31	25
26	6	19	32	63	78	77	103	293	295	179	25	29	26
27	7	21	71	61	78	78	104	283	286	193	25	26	27
28	5	22	155	58	58	88	104	283	273	187	26	26	28
29	6	15	207	56	100	105	105	283	260	166	26	26	29
30	6	20	210	61	100	106	106	285	259	158	23	26	30
31	6		160	58	101	101	106	285		160	23	26	31
MEAN	16	24	210	261	216	101	108	342	310	263	158	296	MEAN
MAX.	0	5	8	43	44	3	82	107	259	158	23	24	MAX.
MIN.	315	906	2961	6714	4114	3612	5806	15104	17562	12901	3862	4181	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 78038

Table A-10 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	26	10	18	25	40	87	184	244	278	111	38	9	1
2	24	12	18	23	49	131	177	237	254	87	35	9	2
3	22	14	18	21	52	143	172	227	239	74	35	9	3
4	22	14	19	21	52	127	163	229	234	68	36	9	4
5	22	14	20	22	46	106	153	256	241	67	32	8	5
6	20	14	20	22	42	116	170	268	242	67	30	8	6
7	20	13	19	22	43	143	173	257	254	64	30	8	7
8	18	13	19	23	44	158	172	241	248	64	31	8	8
9	18	12	19	21	44	170	171	223	223	60	31	8	9
10	17	12	19	22	43	174	169	207	210	57	31	8	10
11	17	12	18	29	44	174	168	198	205	57	30	8	11
12	16	11	17	66	43	174	162	194	205	56	26	8	12
13	15	13	17	103	40	171	158	197	205	56	23	8	13
14	15	14	17	103	41	168	159	230	202	55	24	9	14
15	15	14	19	105	117	163	160	271	190	55	25	9	15
16	15	13	20	105	178	170	190	285	180	55	22	9	16
17	15	13	20	100	128	176	217	298	173	47	18	17	17
18	15	14	20	72	95	168	198	302	169	47	15	26	18
19	15	15	33	56	65	159	186	301	158	45	14	27	19
20	15	14	46	54	53	159	181	301	155	47	14	28	20
21	15	13	30	54	110	155	171	301	156	47	13	28	21
22	16	13	26	48	181	146	171	309	159	46	12	28	22
23	16	13	28	41	177	145	204	304	159	48	12	29	23
24	16	17	29	38	163	139	244	300	161	45	11	16	24
25	18	21	29	38	152	130	198	300	159	43	11	11	25
26	18	21	28	38	139	130	180	300	154	41	12	15	26
27	16	18	26	38	130	151	193	300	152	38	10	13	27
28	15	15	26	38	96	194	211	299	141	35	9	10	28
29	15	15	27	37	37	204	219	299	132	35	9	9	29
30	14	16	26	35	35	204	241	299	117	35	9	9	30
31	12	26	26	34	202	202	241	294	294	37	9	9	31
MEAN	26	21	46	105	181	204	244	309	278	111	38	29	MEAN
MAX.	12	10	17	21	40	87	153	194	117	35	9	8	MAX.
MIN.	1057	839	1422	2884	4774	9594	10939	16406	11415	3350	1303	795	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 64778

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9	26	19	24	177	101	191	273	216	300	168	38	1
2	10	27	19	34	177	102	190	270	219	301	168	36	2
3	10	27	19	50	177	102	184	267	216	301	166	35	3
4	10	28	16	38	177	100	180	266	216	245	164	37	4
5	9	30	15	26	176	84	181	288	217	217	158	37	5
6	10	27	15	26	168	60	206	300	217	217	155	31	6
7	9	27	15	29	159	41	203	301	217	217	143	26	7
8	9	30	15	31	159	40	186	302	216	217	127	25	8
9	14	32	15	27	159	42	187	301	275	217	110	25	9
10	20	32	16	74	159	42	193	301	302	217	100	27	10
11	21	29	15	141	155	41	198	301	302	217	73	26	11
12	18	29	15	196	154	40	205	300	304	217	68	24	12
13	17	28	14	223	154	47	207	301	304	217	70	24	13
14	17	22	12	210	154	104	221	301	307	214	67	17	14
15	17	19	10	185	167	147	236	301	309	210	62	13	15
16	20	18	10	176	189	147	244	235	304	210	57	16	16
17	20	18	10	174	198	128	254	220	299	213	55	34	17
18	20	18	11	176	198	116	263	223	300	217	55	50	18
19	21	24	11	174	199	116	280	219	301	216	49	47	19
20	22	26	9	174	214	116	288	253	302	208	48	47	20
21	22	20	9	171	141	117	292	299	302	200	47	47	21
22	29	18	11	175	103	117	283	299	304	198	47	47	22
23	37	18	11	179	102	147	257	299	302	202	44	46	23
24	35	18	11	177	100	184	231	298	299	202	42	51	24
25	37	18	11	174	98	196	223	233	302	201	41	29	25
26	37	19	24	174	98	193	228	199	302	198	42	17	26
27	37	19	29	174	100	194	233	208	301	196	41	14	27
28	37	23	26	173	100	188	251	219	301	190	41	14	28
29	26	26	19	173	100	185	276	217	301	188	41	14	29
30	28	21	19	176	185	185	273	216	301	183	39	12	30
31	29	21	21	176	189	189	216	216	172	38	38	12	31
MEAN	37	32	39	223	214	196	292	302	300	300	168	51	MEAN
MAX.	9	18	9	24	98	40	180	199	216	172	38	12	MAX.
MIN.	1303	1422	956	8152	8751	7162	13575	16316	16578	13325	5010	1797	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 94347



Table A-10a

WATER YEAR	STATION NO.	STATION NAME
1976		WUTCHUMMA DITCH FOR HAWKEYE DITCH

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	This water was natural flow of Hawkeye Ditch diverted through Wutchumma headgate for use by Antelope Heights Mutual Water Company.											1	
2												3.7	2
3												6.0	3
4												6.0	4
5	Is not included in Table A-10.											6.0	5
6												6.0	6
7												2.3	7
8												0	8
9												0	9
10												0	10
11												0	11
12	N	N	N	N	N	M	N	N	N	N	N	0	12
13	O	O	O	O	O	O	O	O	O	O	O	0	13
14												0	14
15												0	15
16	F	F	F	F	F	F	F	F	F	F	F	0	16
17	L	L	L	L	L	L	L	L	L	L	L	0	17
18	O	O	O	O	O	O	O	O	O	O	O	0	18
19	W	W	W	W	W	W	W	W	W	W	W	0	19
20												0	20
21												0	21
22												0	22
23												0	23
24												0	24
25												0	25
26												0	26
27												0	27
28												0	28
29												0	29
30												0	30
31												0	31
MEAN												6.0	MEAN
MAX.												0	MAX.
MIN.												71	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 71

Table A-10b

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		WUICHUNGUA DITCH FOR TRANSFER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Included in Table A-10.									95	95	26	1
2										96	95	26	2
3										95	95	26	3
4										96	95	26	4
5										96	95	26	5
6										96	95	26	6
7										96	95	26	7
8										109	95	26	8
9										117	95	26	9
10										117	95	26	10
11										103	95	26	11
12	N	N	N	N	N	N	N	N		95	95	26	12
12	O	O	O	O	O	O	O	O		95	95	26	12
14										95	95	76	13
14										95	95	119	14
15										95	95	166	15
16	P	F	F	F	F	F	F	F		95	95	104	16
17	L	L	L	L	L	L	L	L		95	89	0	17
18	O	O	O	O	O	O	O	O		95	48	0	18
19	W	W	W	W	W	W	W	W	0	95	26	0	19
20									22	95	26	0	20
21									38	95	26	0	21
22									43	95	26	0	22
23									43	95	26	0	23
24									43	95	26	0	24
25									45	95	26	0	25
26									47	95	26	0	26
27									58	95	26	0	27
28									68	95	26	0	28
29									85	95	26	0	29
30									94	95	26	0	30
31										95	26	0	31
MEAN									94	117	95	166	MEAN
MAX.									0	95	26	26	MAX.
MIN.									1162	5982	3957	1601	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 12702

Table A-11

KAWEAH RIVER AT MCKAY POINT TOTAL FLOW

Location: SW 1/4, Section 4, T18S, R27E, MUB&M, at point of bifurcation of Kaweah River into St. Johns and Lower Kaweah Rivers.

Operating Agency: Kaweah and St. Johns Rivers Association.

Period of Record: 1916 to December 23, 1955 and from September 30, 1958 to current year.

Gage: A broad-crested weir consisting of two sections, each 113.6 feet in length, with the same crest elevations, one section crossing the head of each branch; a water-stage recorder above the weir on the south bank of the river; a cableway and car 100 yards upstream; and a controlled bypass structure at the south end of the Kaweah River weir section. The crest of the weir section crossing St. Johns River is equipped with flashboards to make possible the diversion of the entire low flow into the Lower Kaweah River. An accurate relationship has been established between water levels at the recorder and flows over each of the weir sections. Since 1940, a radio stream gage has been in continuous operation.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KAWEAH RIVER AT MCKAY POINT TOTAL FLOW

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10	99	75	68	131	49	15	29	20	585	327	20	1
2	10	99	110	68	137	55	17	40	18	586	277	19	2
3	10	139	140	68	145	59	27	43	15	587	231	15	3
4	21	197	166	68	148	45	19	44	12	584	233	15	4
5	9	199	168	68	140	36	22	52	85	592	236	15	5
6	9	200	159	75	114	45	20	52	164	601	233	16	6
7	11	200	159	88	69	44	23	48	203	610	223	12	7
8	13	200	149	101	57	44	24	43	261	609	213	13	8
9	15	198	128	120	65	41	22	52	505	582	210	15	9
10	24	159	119	128	59	40	23	46	705	582	212	17	10
11	34	113	119	128	14	45	22	44	702	584	210	17	11
12	31	113	119	124	21	49	21	38	666	592	214	18	12
13	36	109	118	116	27	49	25	40	653	581	216	18	13
14	49	110	116	111	29	48	33	42	628	586	218	15	14
15	33	110	110	109	28	47	38	41	615	508	216	16	15
16	41	110	113	107	28	41	39	42	636	448	220	18	16
17	97	108	113	104	28	43	43	42	623	436	216	18	17
18	94	106	112	97	36	49	35	41	615	441	216	18	18
19	95	106	108	91	54	48	28	39	613	444	216	18	19
20	92	104	106	97	53	44	24	41	611	444	216	18	20
21	96	88	108	121	51	47	20	41	609	458	208	20	21
22	93	58	108	143	49	45	19	38	604	464	203	18	22
23	93	66	89	144	46	41	29	31	606	440	205	17	23
24	84	66	84	144	30	47	35	38	607	413	205	16	24
25	84	66	84	143	30	53	27	35	597	404	190	16	25
26	84	66	84	144	23	59	26	35	594	304	158	17	26
27	84	66	83	142	32	59	31	31	604	313	72	18	27
28	82	66	81	148	33	54	20	30	609	323	21	17	28
29	88	54	81	148	31	43	15	27	595	332	18	21	29
30	95	50	74	131	15	15	21	21	579	332	20	28	30
31	99		67	130	15	15		22		330	21		31
MEAN	99	200	168	148	148	59	43	52	705	610	327	28	MEAN
MAX.	9	50	67	68	14	15	15	21	12	304	18	12	MAX.
AC. FT.	3384	6793	6843	6891	3388	2775	1488	2396	28471	29941	11651	1029	AC. FT.

Total Acre-Feet 105050

Table A-11 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		KAWEAH RIVER AT MCKAY POINT TOTAL FLOW

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	33	343	39	50	54	18	27	33	18	332	325	46	1
2	35	330	39	55	46	20	31	30	19	337	302	52	2
3	28	304	38	49	46	26	28	24	20	339	296	55	3
4	23	285	34	51	18	27	28	16	22	336	229	56	4
5	18	247	34	69	0	21	27	17	23	331	236	55	5
6	16	85	33	59	0	26	27	22	17	334	239	45	6
7	16	46	34	68	0	31	21	22	9	333	211	31	7
8	14	54	33	61	0	32	22	31	5	336	239	30	8
9	16	45	31	61	0	36	29	36	16	341	232	34	9
10	16	42	30	59	0	30	42	21	17	341	230	44	10
11	16	35	28	44	0	30	46	18	25	337	227	42	11
12	14	40	28	42	0	30	31	25	24	326	212	40	12
13	14	41	26	45	0	28	24	20	24	315	222	37	13
14	15	44	21	44	0	28	27	24	27	314	230	25	14
15	15	52	21	41	19	33	35	20	33	326	232	11	15
16	15	53	21	40	31	33	27	21	36	332	232	10	16
17	15	55	21	41	22	39	30	12	33	338	238	12	17
18	15	55	20	44	19	33	38	10	30	341	248	15	18
19	15	54	20	66	16	22	36	19	30	352	252	21	19
20	21	47	19	66	14	22	31	21	69	358	80	17	20
21	60	48	17	66	24	21	31	27	175	362	10	11	21
22	171	48	20	67	16	27	33	29	171	365	9	10	22
23	175	41	19	67	12	41	30	26	165	361	6	13	23
24	186	40	17	67	23	33	30	19	187	357	6	20	24
25	277	40	17	61	23	31	30	23	204	334	8	18	25
26	359	40	17	60	18	28	37	21	214	333	9	21	26
27	370	41	21	58	15	31	39	22	263	330	12	28	27
28	376	41	22	56	17	33	33	16	293	333	20	27	28
29	366	41	37	54		30	29	15	308	334	40	28	29
30	361	37	36	54		22	31	14	330	339	37	28	30
31	359		47	54		24		14		336	38		31
MEAN													MEAN
MAX.	376	343	39	69	54	41	46	36	330	365	325	56	MAX.
MIN.	14	35	17	40	0	18	21	10	5	314	6	10	MIN.
AC. FT.	6803	5304	1666	3409	859	1758	1845	1325	5567	20793	9713	1749	AC. FT.

Total Acre-Feet 60791

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KAWEAH RIVER AT MCKAY POINT TOTAL FLOW

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	31	0	0	1133	315	1082	856	2094	2450	1207	1777	924	1
2	34	0	0	1087	317	1082	965	2276	2455	1056	1835	780	2
3	33	0	0	599	301	1062	1140	2272	2465	1051	1969	693	3
4	29	0	0	293	288	1590	1296	2315	2440	1120	1988	685	4
5	27	0	0	277	291	879	1356	2364	2452	1280	1887	618	5
6	26	0	0	284	384	732	1387	2373	2423	1482	1780	485	6
7	25	0	0	275	548	996	1175	2310	2423	1629	1808	424	7
8	24	0	0	265	671	1101	1116	2353	2466	1727	1894	411	8
9	26	0	0	272	1868	1196	1125	2387	2712	1726	1756	409	9
10	28	0	0	397	1647	1280	1190	2449	2875	1775	1966	406	10
11	28	0	3	476	546	1376	1246	2541	2875	1884	1954	414	11
12	29	0	4	543	428	1364	1303	2700	2880	1960	1891	418	12
13	31	0	7	399	822	1287	1347	2771	2885	1991	1819	381	13
14	27	0	8	318	679	1269	1393	2794	2930	1980	1739	331	14
15	29	0	8	496	848	1325	1457	2828	3000	1911	1691	305	15
16	27	0	6	571	1016	1362	1653	2866	2935	1835	1622	272	16
17	27	0	2	1483	1135	1332	1496	2895	2760	1911	1418	249	17
18	29	5	2	1496	1177	1269	1501	2900	2685	2019	1254	243	18
19	33	8	0	1322	1184	1262	1510	2906	2685	2109	1110	249	19
20	28	8	0	1154	1187	1211	1584	2889	2628	2167	876	269	20
21	14	6	0	1058	1188	1112	1673	2878	2519	2149	732	261	31
22	10	0	0	1024	1242	857	1677	2772	2437	2048	741	251	22
23	9	0	0	638	1340	807	1673	2580	2431	1995	789	248	23
24	10	0	6	423	1379	923	1711	2585	2441	2052	826	235	24
25	0	0	2	399	1369	1029	1860	2558	2451	2149	758	223	25
26	0	0	0	356	1357	1088	1879	2472	2340	2201	560	235	26
27	0	0	86	334	1231	1154	1909	2469	2115	2200	493	276	27
28	0	0	571	326	1126	1283	1935	2465	1878	2170	613	296	28
29	0	0	901	325		1386	1971	2467	1714	1982	764	296	29
30	0	0	1185	320		1390	2016	2477	1458	1826	878	296	30
31	0	0	1130	315		1255		2455		1800	936		31
MEAN													MEAN
MAX.	34	8	1185	1496	1379	1590	2016	2906	3000	2201	1988	924	MAX.
MIN.	0	0	0	265	291	807	856	2094	1458	1051	493	223	MIN.
AC. FT.	1218	54	7777	37008	51341	72083	88127	157631	149175	111853	83949	22975	AC. FT.

Total Acre-Feet 783171

Table A-11 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KAWAHA RIVER AT MCKAY POINT, TOTAL FLOW

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	296	27	99	163	259	375	4	491	1915	1224	1434	31	1
2	296	27	104	137	399	257	4	491	1620	1243	1451	29	2
3	308	27	104	137	486	212	4	491	1211	1183	1445	32	3
4	307	27	94	135	481	213	4	491	1081	1136	1347	31	4
5	303	27	93	135	476	173	8	491	1171	1385	1318	30	5
6	284	27	93	137	383	139	13	491	1367	1472	1343	29	6
7	240	26	93	137	462	128	25	492	1592	1445	1297	29	7
8	172	26	94	137	276	119	53	540	1586	1472	1116	29	8
9	172	26	94	140	118	116	65	592	1526	1443	863	32	9
10	206	26	94	150	81	110	105	699	1460	1482	569	32	10
11	218	26	94	159	155	105	103	771	1483	1582	557	29	11
12	238	26	100	150	246	105	125	776	1633	1556	557	28	12
13	241	27	101	143	243	105	195	782	1775	1526	542	27	13
14	241	38	109	143	338	105	258	788	1817	1542	639	26	14
15	241	37	115	467	338	113	244	797	1802	1542	628	24	15
16	241	36	116	811	267	137	248	804	1633	1563	308	25	16
17	238	35	116	748	286	103	357	855	1547	1560	86	16	17
18	238	34	123	677	288	138	441	912	1493	1591	55	17	18
19	238	34	195	572	272	123	483	910	1398	1609	41	15	19
20	238	33	246	496	274	118	529	922	1345	1635	35	15	20
21	238	33	253	491	307	148	562	935	1305	1657	32	15	21
22	363	37	226	330	277	93	562	1046	1296	1673	33	14	22
23	600	39	191	234	243	43	540	1458	1294	1677	35	13	23
24	648	36	189	211	209	42	631	1634	1293	1685	35	15	24
25	316	32	189	209	219	41	676	1649	1169	1623	34	15	25
26	43	31	189	223	239	43	566	1690	1086	1591	35	13	26
27	27	34	190	212	243	95	567	1715	1073	1597	36	6	27
28	27	57	190	211	288	150	539	1953	1120	1485	36	14	28
29	27	111	190	210	59	59	491	2080	1186	1472	34	18	29
30	27	101	190	210	20	20	486	2040	1204	1383	33	20	30
31	27		190	226	4	4		1967		1392	36		31
MEAN													MEAN
MAX.	648	111	253	811	486	375	676	2080	1915	1685	1451	32	MAX.
MIN.	27	26	93	135	81	4	4	491	1073	1136	32	6	MIN.
AC. FT.	14478	2188	8854	16941	16171	7403	17629	62982	84261	92086	31756	1327	AC. FT.

Total Acre-Feet 356076

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KAWAHA RIVER AT MCKAY POINT, TOTAL FLOW

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	18	2	125	147	1427	2780	1213	1468	245	2509	1892	1351	1
2	16	2	126	201	1427	2689	1263	1387	276	2486	1663	1128	2
3	13	3	126	276	1420	2727	858	1306	316	2194	1519	987	3
4	14	5	107	265	1428	2430	1090	1323	322	1987	1539	956	4
5	14	5	90	278	1420	2170	1034	1372	540	1889	1583	984	5
6	18	6	90	276	1463	2302	1051	1428	993	1827	1599	1010	6
7	21	9	90	275	1489	2278	912	1493	1391	1892	1607	1065	7
8	19	8	93	283	1503	2203	729	1562	1607	1869	1596	1088	8
9	16	6	93	289	1528	2165	847	1595	1664	1822	1352	911	9
10	17	5	80	379	1547	2044	1022	1596	1880	1782	1214	831	10
11	17	6	75	538	1600	1808	1120	1573	2136	1777	1355	1001	11
12	16	6	73	930	1629	1488	1206	1558	2237	1798	1439	1282	12
13	18	12	73	939	1637	1206	1206	1558	2441	1782	1465	1360	13
14	20	28	73	1459	1722	1328	1216	1536	2618	1805	1554	1343	14
15	21	78	68	1977	1553	1339	1234	1508	2780	1801	1603	1311	15
16	17	69	69	2458	1440	1332	1346	1229	2884	1885	1409	1266	16
17	12	63	68	2832	1303	1353	1443	1068	2711	1945	1141	759	17
18	14	62	68	2888	1084	1339	1689	1080	2239	1925	891	378	18
19	14	56	67	2826	1579	1339	2015	1082	1897	1901	855	347	19
20	16	58	67	2777	3373	1332	2164	1160	1781	1899	832	331	20
21	22	61	70	2489	4913	1331	2155	1487	2015	1865	804	330	21
22	14	61	78	2217	4697	1509	2125	1672	2372	1791	771	315	22
23	13	61	78	2103	4349	1500	1924	1586	2531	1782	756	189	23
24	17	61	80	1944	1589	1589	1253	1248	2294	1789	756	109	24
25	36	61	85	1748	3477	1773	834	718	2240	1810	797	87	25
26	62	93	85	1731	3127	1637	784	350	2294	1867	1041	28	26
27	60	148	81	1731	2981	1440	777	246	2314	1861	1479	50	27
28	60	146	123	1597	2959	1282	1129	236	2324	1826	1639	53	28
29	47	131	141	1367	2948	1181	760	241	2469	1772	1604	96	29
30	14	120	142	1353		1181	1228	242	2585	1868	1566	109	30
31	3		141	1392		1194		244		1979	1488		31
MEAN													MEAN
MAX.	62	148	142	2888	4913	2780	2164	1672	2884	2509	1892	1360	MAX.
MIN.	3	2	67	147	1084	1181	729	236	245	1772	756	28	MIN.
AC. FT.	1347	2841	5603	83237	128763	105659	74633	71707	111861	116996	80944	41763	AC. FT.

Total Acre-Feet 825354

Table A-12

LOWER KAWEAH RIVER BELOW MCKAY POINT

Location: SE 1/4, Section 4, T18S, R27E, MDB&M, Tulare County, at point below the bifurcation of Kaweah River into St. Johns and Lower Kaweah Rivers.

Operating Agency: Kaweah and St. Johns Rivers Association.

Period of Record: 1916 to December 23, 1955 and from September 30, 1958 to current year. In 1964, a Trenton-type artificial control was constructed downstream on each branch of the Kaweah River below the bifurcation, and a water-stage recorder was installed for obtaining continuous flow records.

Gage: A broad-crested weir consisting of two sections, each 113.6 feet in length, with the same crest elevations, one section crossing the head of each branch; a water-stage recorder above the weir on the south bank of the river; a cableway and car 100 yards upstream; and a controlled bypass structure at the south end of the Kaweah River weir section. The crest of the weir section crossing St. Johns River is equipped with flashboards to make possible the diversion of the entire low flow into the Lower Kaweah River. An accurate relationship has been established between water levels at the recorder and flows over each of the weir sections. Since 1940, a radio stream gage has been in continuous operation.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LOWER KAWEAH RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10	87	75	68	90	49	8	10	10	328	318	13	1
2	10	87	110	68	97	50	8	14	9	325	270	13	2
3	10	90	140	68	103	48	8	17	8	328	224	9	3
4	11	95	102	68	102	36	8	17	6	325	226	9	4
5	9	95	168	68	97	26	9	24	78	333	229	9	5
6	9	94	159	50	66	32	8	24	157	342	226	9	6
7	11	94	159	48	37	31	9	22	195	354	217	8	7
8	13	94	149	52	31	31	10	18	249	350	207	8	8
9	15	94	128	61	35	29	9	23	290	323	203	9	9
10	24	95	119	64	29	28	9	16	300	323	205	10	10
11	34	81	119	64	6	32	8	13	305	325	203	10	11
12	31	81	119	63	8	35	8	10	308	333	207	10	12
13	24	78	118	61	11	35	8	10	305	325	209	10	13
14	26	79	116	59	12	34	10	10	300	325	211	9	14
15	13	79	110	57	11	33	16	10	320	328	209	9	15
16	27	78	113	55	11	29	18	10	336	325	213	10	16
17	84	95	113	54	11	30	23	10	330	313	209	10	17
18	81	106	112	50	19	35	18	10	325	315	209	10	18
19	82	106	108	47	34	34	12	10	325	318	209	10	19
20	79	104	106	52	34	31	10	10	323	315	209	10	20
21	84	88	108	74	32	34	8	10	323	325	201	11	21
22	81	58	108	99	31	32	8	10	323	328	195	10	22
23	61	66	89	102	29	29	10	10	325	305	197	10	23
24	74	66	84	102	16	35	19	10	330	280	197	9	24
25	74	66	84	101	16	40	14	10	328	285	183	9	25
26	74	66	84	102	17	45	13	10	325	295	151	9	26
27	74	66	83	100	32	45	15	10	325	305	64	9	27
28	72	66	81	106	33	42	8	10	325	315	14	9	28
29	78	54	81	106	31	34	6	10	328	320	11	10	29
30	84	50	74	90	9	9	8	9	325	322	13	10	30
31	87		67	90	8	8		10	322	322	14	10	31
MEAN	87	106	168	106	103	50	23	24	336	333	318	13	MEAN
MAX.	9	50	67	47	6	8	6	9	6	280	11	8	MAX.
AC. FT.	2908	4875	6843	4461	2144	2065	647	787	15344	19746	11213	577	AC. FT.

Total Acre-Feet 71610

Table A-12 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LOWER KAWEAH RIVER BELOW McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	11	307	16	24	29	12	17	11	2	320	302	26	1	
2	10	294	16	25	26	14	18	8	3	326	285	29	2	
3	10	270	15	23	26	18	15	5	4	329	240	30	3	
4	10	253	14	30	12	18	14	4	5	326	213	30	4	
5	9	216	14	49	0	16	14	4	5	320	220	30	5	
6	9	47	13	38	0	13	14	6	5	320	227	24	6	
7	9	22	14	34	0	12	12	6	4	320	227	15	7	
8	8	26	13	31	0	12	12	10	4	320	227	15	8	
9	9	21	12	31	0	12	12	12	14	320	216	18	9	
10	9	21	12	29	0	11	16	7	15	320	218	25	10	
11	9	15	12	25	0	11	17	5	21	317	216	23	11	
12	8	19	12	25	0	11	15	8	20	308	204	22	12	
13	8	19	10	26	0	11	13	5	19	308	213	19	13	
14	9	21	9	26	0	11	14	7	21	314	220	11	14	
15	9	26	9	25	1	11	16	5	21	326	222	7	15	
16	9	30	9	24	7	9	13	6	23	332	222	8	16	
17	9	30	9	25	14	9	14	2	20	338	227	9	17	
18	9	30	9	22	13	0	15	2	17	335	236	10	18	
19	9	29	9	34	11	0	15	4	16	338	238	15	19	
20	9	24	9	34	12	0	14	5	55	344	72	15	20	
21	32	25	8	36	15	2	14	4	157	347	8	9	21	
22	115	25	9	40	11	10	14	4	155	350	7	8	22	
23	119	18	9	40	9	22	14	3	151	347	6	6	23	
24	127	19	8	40	14	19	13	3	173	343	6	7	24	
25	214	19	8	31	16	19	14	6	191	320	8	6	25	
26	19	8	32	11	18	18	7	204	320	9	7	26		
27	301	19	10	30	9	16	19	8	253	317	12	10	27	
28	310	19	10	29	12	14	14	7	280	320	14	10	28	
29	318	20	24	28	16	9	5	295	320	23	10	29	29	
30	322	16	17	28	15	10	2	317	323	21	10	30	30	
31	321	23	23	28	15	15	2	2	320	21	21	10	31	31
MEAN													MEAN	
MAX.	322	307	24	49	29	22	19	12	317	350	302	30	MAX.	
MIN.	8	15	8	22	0	0	9	2	2	308	6	6	MIN.	
AC. FT.	5260	3806	734	1868	492	748	851	343	4899	20049	9084	920	AC. FT.	

Total Acre-Feet 49054

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LOWER KAWEAH BELOW McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	11	0	0	570	176	563	436	932	1230	782	1000	675	1	
2	13	0	0	548	178	563	478	949	1235	653	1024	517	2	
3	12	0	0	326	174	556	539	945	1195	600	1081	439	3	
4	11	0	0	171	168	683	605	955	1215	594	1091	445	4	
5	10	0	0	165	170	421	619	993	1210	694	1034	399	5	
6	9	0	0	168	212	409	626	1002	1190	839	978	282	6	
7	9	0	0	164	300	598	535	983	1190	860	1039	245	7	
8	8	0	0	159	373	637	511	993	1200	830	1100	240	8	
9	9	0	0	163	902	637	520	1060	1220	864	1120	238	9	
10	11	0	0	214	690	612	578	1111	1215	947	1130	235	10	
11	12	0	3	253	313	631	620	1126	1215	1039	1115	235	11	
12	12	0	4	281	241	623	634	1230	1220	1063	1130	235	12	
13	14	0	7	216	358	612	649	1290	1220	1058	1150	202	13	
14	12	0	8	179	376	626	672	1280	1280	1020	1120	168	14	
15	13	0	8	261	457	647	696	1255	1330	969	1058	157	15	
16	12	0	6	421	496	654	783	1305	1330	911	996	145	16	
17	13	0	2	651	549	654	719	1358	1320	978	978	141	17	
18	14	5	2	616	570	640	723	1363	1315	1077	978	138	18	
19	17	8	0	581	570	633	723	1357	1330	1130	911	138	19	
20	14	8	0	560	573	631	779	1352	1320	1150	713	138	20	
21	8	6	0	633	581	612	849	1341	1310	1160	594	127	21	
22	6	0	0	612	542	487	853	1368	1305	1160	608	117	22	
23	5	0	0	358	556	487	849	1385	1310	1150	630	114	23	
24	5	0	6	225	619	542	841	1346	1320	1155	645	124	24	
25	0	0	2	216	616	529	860	1363	1325	1160	591	130	25	
26	0	0	0	195	612	515	849	1310	1315	1155	433	130	26	
27	0	0	86	184	588	574	879	1285	1230	1145	382	138	27	
28	0	0	300	182	570	626	905	1270	1160	1115	499	141	28	
29	0	0	440	181	626	901	901	1250	1120	1058	581	141	29	
30	0	0	570	179	630	905	905	1235	955	1024	647	141	30	
31	0	0	560	176	598	598	1230	1230	1015	705	705	141	31	31
MEAN													MEAN	
MAX.	17	8	570	651	902	654	905	1385	1330	1160	1150	675	MAX.	
MIN.	0	0	0	159	168	409	436	932	955	594	382	114	MIN.	
AC. FT.	516	54	3975	19454	24853	36211	41923	73830	74044	60209	53675	13319	AC. FT.	

Total Acre-Feet 402063

Table A-12 (Cont'd)

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		LOWER KAWEAH RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	141	27	52	86	130	172	0	245	1070	461	873	19	1	
2	141	27	55	73	196	114	0	245	970	480	873	18	2	
3	145	27	55	73	240	90	0	245	690	510	887	20	3	
4	108	27	50	73	240	87	0	245	609	531	882	18	4	
5	84	27	49	73	235	114	5	245	668	787	860	16	5	
6	73	27	49	73	149	124	10	245	799	927	830	16	6	
7	92	26	49	73	245	114	20	240	942	936	813	16	7	
8	87	26	50	73	185	104	40	299	913	927	762	15	8	
9	87	26	50	73	81	98	41	351	913	909	634	16	9	
10	98	26	50	78	61	95	63	453	885	972	489	15	10	
11	104	26	50	84	101	92	59	519	870	1085	545	16	11	
12	127	26	51	78	127	92	76	519	909	1065	545	15	12	
13	130	27	76	76	124	92	87	519	1012	1035	531	15	13	
14	130	38	55	76	145	92	95	525	1069	1026	524	14	14	
15	130	37	58	240	149	108	108	534	1078	1026	419	13	15	
16	130	36	59	423	134	117	108	541	945	999	210	14	16	
17	127	35	58	411	136	90	164	560	882	990	61	5	17	
18	127	34	61	393	134	120	189	581	873	1045	40	6	18	
19	127	34	101	345	136	108	215	567	838	1075	30	15	19	
20	127	33	124	293	138	103	266	567	770	1095	25	15	20	
21	127	33	127	293	157	127	299	567	730	1105	23	15	21	
22	172	37	114	176	141	70	299	645	698	1115	24	14	22	
23	345	39	100	120	124	23	277	875	666	1125	24	13	23	
24	378	36	98	110	108	22	363	961	658	1145	23	15	24	
25	189	32	98	108	114	21	369	961	571	1095	22	15	25	
26	36	31	98	114	124	23	271	980	526	1075	23	13	26	
27	27	34	98	110	124	45	288	990	513	1075	24	6	27	
28	27	36	98	110	141	73	271	1100	500	981	25	14	28	
29	27	59	98	109	109	29	250	1110	461	981	23	15	29	
30	27	52	98	109	109	10	245	1100	441	873	22	15	30	
31	27		98	114		0		1090		864	22		31	
MEAN														MEAN
MAX.	378	59	127	423	245	172	369	1110	1078	1125	887	20	MAX.	
MIN.	27	26	49	73	61	0	0	240	441	461	22	5	MIN.	
AC. FT.	7333	1946	4568	9203	8170	5096	8882	36941	46551	58146	21993	857	AC. FT.	

Total Acre-Feet 209686

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		LOWER KAWEAH RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	10	2	65	74	675	1405	514	783	167	1250	1006	760	1	
2	10	2	66	98	675	1405	527	730	174	1240	864	638	2	
3	9	3	66	125	668	1416	527	708	177	1180	760	540	3	
4	10	5	58	129	668	1290	433	715	180	1140	792	512	4	
5	10	5	46	136	668	1300	391	715	302	1072	836	540	5	
6	13	6	46	134	675	1270	397	708	506	1024	852	561	6	
7	14	9	46	135	675	1210	367	745	678	1053	820	610	7	
8	13	8	48	143	675	1180	345	775	760	1072	784	628	8	
9	11	6	48	143	668	1160	427	775	775	1072	645	508	9	
10	12	5	40	204	668	1260	521	783	918	1053	596	466	10	
11	12	6	38	277	690	1260	536	783	1080	1076	690	596	11	
12	11	6	38	350	705	978	577	775	1122	1091	728	792	12	
13	12	12	38	233	713	644	577	768	1150	1096	736	848	13	
14	13	14	38	355	735	640	591	760	1170	1130	800	840	14	
15	14	35	35	584	647	633	605	760	1170	1120	856	816	15	
16	12	31	35	743	612	633	610	629	1170	1150	744	804	16	
17	9	29	35	782	535	647	629	550	1140	1180	617	394	17	
18	10	28	35	814	451	640	840	558	1100	1170	422	148	18	
19	10	27	34	798	822	626	1010	558	1100	1160	422	136	19	
20	12	27	34	782	720	619	1060	588	1100	1170	399	128	20	
21	14	30	35	758	1363	612	1060	738	1160	1140	382	127	21	
22	10	30	39	743	1260	612	1030	850	1210	1090	371	117	22	
23	10	30	39	750	1554	612	892	820	1220	1070	371	120	23	
24	14	30	40	750	1636	647	610	660	1210	1060	371	103	24	
25	34	30	43	743	1482	705	396	396	1240	1070	394	85	25	
26	60	46	43	735	1427	668	340	202	1270	1090	526	28	26	
27	58	75	42	735	1427	591	321	163	1290	1090	776	50	27	
28	58	80	58	705	1416	514	321	157	1300	1060	888	53	28	
29	45	73	70	675	1405	475	450	160	1330	997	876	88	29	
30	14	62	70	661		475	708	163	1300	1006	856	104	30	
31	3		70	668		488		167		1042	824		31	
MEAN														MEAN
MAX.	60	80	70	814	1636	1416	1060	850	1330	1250	1006	848	MAX.	
MIN.	3	2	34	74	451	475	321	157	167	997	371	28	MIN.	
AC. FT.	1085	1492	2852	29677	52196	52791	34933	36976	56468	67863	41661	24080	AC. FT.	

Total Acre-Feet 402074



Table A-13

ST. JOHNS RIVER BELOW MCKAY POINT

Location: SE 1/4, Section 4, T18S, R27E, M08&M, Tulare County, at point of bifurcation of Kaweah River into St. Johns and Lower Kaweah Rivers.

Operating Agency: Kaweah and St. Johns Rivers Association.

Period of Record: 1916 to current year. In 1964, a Trenton-type artificial control was constructed downstream on each branch of the Kaweah River below the bifurcation, and a water-stage recorder was installed for obtaining continuous flow records.

Gage: A broad-crested weir consisting of two sections, each 113.6 feet in length, with the same crest elevations, one section crossing the head of each branch; a water-stage recorder above the weir on the south bank of the river; a cableway and car 100 yards upstream; and a controlled bypass structure at the south end of the Kaweah River weir section. The crest of the weir section crossing St. Johns River is equipped with flashboards to make possible the diversion of the entire low flow into the Lower Kaweah River. An accurate relationship has been established between water levels at the recorder and flows over each of the weir sections. Since 1940, a radio stream gage has been in continuous operation.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		ST. JOHNS RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	12		0	41	0	7	19	10	257	9	7	1
2	0	12		0	40	5	9	26	9	261	7	6	2
3	0	49		0	42	11	9	26	7	259	7	6	3
4	0	102		0	46	9	11	27	6	259	7	6	4
5	0	104		0	43	10	13	28	7	259	7	6	5
6	0	106		25	48	13	12	28	7	259	7	7	6
7	0	106		40	32	13	14	26	8	256	6	4	7
8	0	106		49	26	13	14	25	12	259	6	5	8
9	0	104		59	30	12	13	29	215	259	7	6	9
10	0	64		64	30	12	14	30	405	259	7	7	10
11	0	32		64	8	13	14	31	397	259	7	7	11
12	0	32	N	61	13	14	13	28	358	259	7	8	12
12	12	31	O	55	16	14	17	30	348	256	7	8	12
14	23	31		52	17	14	23	32	328	261	7	6	14
15	20	31		52	17	14	22	31	295	180	7	7	15
16	14	32	F	52	17	12	21	32	300	123	7	8	16
17	13	13	L	50	17	13	20	32	293	123	7	8	17
18	13	0	O	47	17	14	17	31	290	126	7	8	18
19	13	0	W	44	20	14	16	29	288	126	7	8	19
20	13	0		45	19	13	14	31	288	129	7	8	20
21	12	0		47	19	13	12	31	286	133	7	9	21
22	12	0		44	18	13	11	28	281	136	8	8	22
23	12	0		42	17	12	19	21	281	135	8	7	23
24	10	0		42	14	12	16	28	277	133	8	7	24
25	10	0		42	14	13	13	25	269	119	7	7	25
26	10	0		42	6	14	13	25	269	9	7	8	26
27	10	0		42	0	14	13	21	279	8	8	9	27
28	10	0		42	0	12	12	20	284	8	7	8	28
29	10	0		42	0	9	9	17	267	12	7	11	29
30	11	0		41	0	6	13	12	254	10	7	18	30
31	12			40		7		12		8	7		31
MEAN													MEAN
MAX.	23	106		64	48	14	23	32	405	261	9	18	MAX.
MIN.	0	0		0	0	0	7	12	6	8	6	4	MIN.
AC. FT.	476	1918		2430	1244	710	841	1609	13127	10195	438	452	AC. FT.

Total Acre-Feet 33440

Table A-13 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		ST. JOHNS RIVER BELOW McRAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	22	36	23	26	25	6	10	22	16	12	23	20	1
2	25	36	23	30	20	6	13	22	16	11	17	23	2
3	18	34	23	26	20	8	13	19	16	10	16	25	3
4	13	32	20	21	6	9	14	12	17	10	16	26	4
5	9	31	20	20	0	5	13	13	18	11	16	25	5
6	7	38	20	21	0	13	13	16	12	14	12	21	6
7	7	24	20	34	0	19	9	16	5	13	14	16	7
8	6	28	20	30	0	20	10	21	1	16	12	15	8
9	7	24	19	30	0	24	17	24	2	21	16	16	9
10	7	21	18	30	0	19	26	14	2	21	12	19	10
11	7	20	16	19	0	19	29	13	4	20	11	19	11
12	6	16	16	17	0	19	16	17	4	18	8	18	12
13	6	22	16	19	0	17	11	15	5	7	9	18	13
14	6	23	12	18	0	17	13	17	6	0	10	14	14
15	6	26	12	16	18	22	19	15	12	0	10	4	15
16	6	23	12	16	24	24	14	15	13	0	10	2	16
17	6	25	12	16	8	30	16	10	13	0	11	3	17
18	6	25	11	22	6	33	23	8	13	6	12	7	18
19	6	25	11	32	5	22	21	15	14	14	14	6	19
20	12	23	10	32	2	22	17	16	14	14	8	2	20
21	28	23	9	30	9	19	17	23	18	15	2	2	21
22	56	23	11	27	5	17	19	25	16	15	2	2	22
23	56	23	10	27	3	19	16	23	14	14	0	7	23
24	59	21	9	27	9	14	17	16	14	14	0	13	24
25	63	21	9	30	7	12	16	17	13	14	0	12	25
26	68	21	9	28	7	10	19	14	10	13	0	14	26
27	69	22	11	28	6	15	20	14	10	13	0	18	27
28	66	22	12	27	5	19	19	9	13	13	6	17	28
29	48	21	13	26	4	14	20	10	13	14	17	18	29
30	39	21	19	26	7	21	21	12	13	16	16	18	30
31	38		24	26	9			12		16	17		31
MEAN	69	38	24	34	25	33	29	25	18	21	23	26	MEAN
MAX.	6	20	9	16	0	5	9	8	1	0	0	2	MAX.
MIN.	1543	1498	932	1541	367	1010	994	982	668	744	629	829	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 11737

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		ST. JOHNS RIVER BELOW McRAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	20		0	563	139	519	420	1162	1220	425	777	249	1
2	21		0	539	139	519	487	1327	1220	403	811	263	2
3	21		0	273	127	506	601	1327	1270	451	888	254	3
4	18		0	122	120	907	691	1360	1225	526	897	240	4
5	17		0	112	121	458	737	1371	1242	586	853	219	5
6	17		0	116	172	323	761	1371	1233	643	802	203	6
7	16		0	111	248	398	640	1327	1233	769	769	179	7
8	16		0	106	298	464	605	1360	1266	897	794	171	8
9	17		0	109	966	559	605	1327	1492	862	836	171	9
10	17		0	183	957	668	612	1338	1660	828	836	171	10
11	16		0	223	233	745	626	1415	1660	845	839	179	11
12	17		0	262	187	741	669	1470	1660	897	761	183	12
13	17		0	183	464	675	698	1481	1665	933	669	179	13
14	15		0	139	303	643	721	1514	1650	960	619	163	14
15	16		0	235	391	678	761	1573	1670	942	633	148	15
16	15		0	150	520	708	870	1561	1605	924	626	127	16
17	14		0	832	586	678	777	1537	1440	933	440	108	17
18	15		0	880	607	629	778	1537	1370	942	276	105	18
19	16		0	741	614	629	787	1549	1355	979	199	111	19
20	14		0	594	614	580	805	1537	1308	1017	163	131	20
21	6		0	425	607	500	824	1537	1209	989	138	134	21
22	4		0	412	700	370	824	1404	1132	888	133	134	22
23	4		0	280	784	320	824	1195	1121	845	159	134	23
24	5		0	198	760	381	900	1239	1121	897	181	111	24
25	0		0	183	753	500	1000	1195	1126	989	167	93	25
26	0		0	161	745	573	1030	1162	1025	1046	127	105	26
27	0		0	150	643	580	1030	1184	885	1055	111	138	27
28	0		0	271	144	556	657	1030	1195	718	1055	114	28
29	0		0	461	144	657	760	1070	1217	594	924	183	29
30	0		0	615	141	760	760	1111	1242	503	802	231	30
31	0		0	570	139	657	657	1225		785	231		31
MEAN	21		615	880	966	907	1111	1573	1670	1055	897	263	MEAN
MAX.	0		0	106	120	320	420	1162	503	403	111	93	MAX.
MIN.	702		3802	17554	26488	35872	46204	83781	75131	51644	30274	9656	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 381108

Table A-13 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		ST. JOHNS RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	155	0	47	77	129	203	4	246	845	763	561	12	1
2	155	0	49	64	203	143	4	246	650	763	578	11	2
3	163	0	49	64	246	122	4	246	521	673	558	12	3
4	199	0	44	62	241	126	4	246	472	605	465	13	4
5	219	0	44	62	241	59	3	246	503	598	458	14	5
6	211	0	44	64	234	15	3	246	568	545	513	13	6
7	148	0	44	64	217	14	5	252	650	509	484	13	7
8	85	0	44	64	91	15	13	241	673	545	354	14	8
9	85	0	44	67	37	18	24	241	613	534	229	16	9
10	108	0	44	72	20	15	42	246	575	510	80	17	10
11	114	0	44	75	54	13	44	252	613	497	12	13	11
12	111	0	49	72	119	13	49	257	724	491	12	13	12
13	111	0	49	67	119	13	108	263	763	491	11	12	13
14	111	0	54	67	193	13	163	263	748	516	115	12	14
15	111	0	57	227	189	15	136	263	724	516	209	11	15
16	111	0	57	388	133	20	140	263	688	564	98	11	16
17	111	0	58	337	150	13	193	295	665	570	25	11	17
18	111	0	62	284	154	18	252	331	620	546	15	11	18
19	111	0	94	227	136	15	268	343	560	534	11	0	19
20	111	0	122	203	136	15	263	355	575	540	10	0	20
21	111	0	126	198	150	21	263	368	575	552	9	0	21
22	191	0	112	154	136	23	263	401	598	558	9	0	22
23	255	0	91	114	119	20	263	583	628	552	11	0	23
24	270	0	91	101	101	20	268	673	635	540	12	0	24
25	127	0	91	101	105	20	307	688	598	528	12	0	25
26	7	0	91	109	115	20	295	710	560	516	12	0	26
27	0	0	92	102	119	40	279	725	560	522	12	0	27
28	0	21	92	101	147	77	268	853	620	504	11	0	28
29	0	52	92	101	101	30	241	970	725	491	11	3	29
30	0	49	92	101	101	10	241	940	763	510	11	5	30
31	0		92	112		4		877		528	14		31
MEAN	270	52	126	388	246	203	307	970	845	763	578	17	MEAN
MAX.	0	0	44	62	20	4	3	241	472	491	9	0	MAX.
MIN.	7145	242	4286	7738	8001	2307	8747	26041	37710	33940	9763	470	MIN.
AC. FT.													AC. FT.

Total Acre-Foot 146390

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		ST. JOHNS RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8	0	60	73	752	1375	699	685	78	1259	886	591	1
2	6	0	60	103	752	1284	736	657	102	1246	799	490	2
3	4	0	60	151	752	1311	331	598	139	1014	759	447	3
4	4	0	49	136	760	1140	657	608	142	847	747	444	4
5	4	0	44	142	752	870	643	657	238	817	747	444	5
6	5	0	44	142	788	1032	654	720	487	803	747	449	6
7	7	0	44	140	814	1068	545	748	713	839	787	455	7
8	6	0	45	140	828	1023	384	787	847	797	812	460	8
9	5	0	45	146	860	1005	420	820	889	750	707	403	9
10	5	0	40	175	879	784	501	813	962	729	618	365	10
11	5	0	37	261	910	548	584	790	1056	701	665	405	11
12	5	0	35	580	924	510	629	783	1115	707	711	490	12
13	6	0	35	706	924	562	629	790	1291	686	729	512	13
14	7	14	35	1104	987	688	625	776	1448	675	754	503	14
15	7	43	33	1393	906	706	629	748	1610	681	747	495	15
16	5	38	34	1715	828	699	736	600	1714	735	665	462	16
17	3	34	33	2050	768	706	814	518	1571	765	524	365	17
18	4	34	33	2074	633	699	849	522	1139	755	469	230	18
19	4	29	33	2028	757	713	1005	524	797	741	433	211	19
20	4	31	33	1995	2653	713	1104	572	681	729	433	203	20
21	8	31	35	1731	3550	719	1095	749	855	725	422	203	21
22	4	31	39	1474	3437	897	1095	822	1162	701	400	198	22
23	3	31	39	1353	2795	888	1032	766	1311	712	385	69	23
24	3	31	40	1194	2258	942	643	588	1084	729	385	6	24
25	2	31	42	1005	1995	1068	438	322	1000	740	403	2	25
26	2	47	42	996	1700	969	444	148	1024	777	515	0	26
27	2	73	39	996	1554	849	456	83	1024	771	703	0	27
28	2	66	65	892	1543	768	808	79	1024	766	751	0	28
29	2	58	71	692	1543	706	310	81	1139	775	728	8	29
30	0	58	72	692		706	520	79	1285	862	710	5	30
31			71	724		706		77		937	664		31
MEAN	8	73	71	2074	3550	1375	1095	822	1591	1259	886	591	MEAN
MAX.	0	0	33	73	752	510	310	77	78	675	385	0	MAX.
MIN.	262	1349	2751	53560	76567	52868	39700	34731	55393	49133	39283	17683	MIN.
AC. FT.													AC. FT.

Total Acre-Foot 423280



APPENDIX B  
CANAL DIVERSIONS AND  
CENTRAL VALLEY PROJECT DELIVERIES



## CANAL DIVERSIONS AND CENTRAL VALLEY PROJECT DELIVERIES

This appendix presents diversion data from the Lower Kaweah River, St. Johns River, and Central Valley Project deliveries to the various canal systems within the service area for the period October 1, 1975 to September 30, 1980. The data consist of mean daily diversions in cubic feet per second, maximum and minimum monthly discharge in cubic feet per second, monthly acre-feet, and total acre-feet for the year.

Criteria used in determining entitlements or amounts of water to be diverted are not presented in this report.

Data presented in this appendix were furnished in annual report form by the Kaweah and St. Johns Rivers Association and published as received, except that titles of some ditches or diversion points may vary from those published in some of the annual reports from which these data were compiled.

Table B-1

HAMILTON DITCH

Point of Diversion: 2.5 miles below McKay Point on south bank of Kaweah River in the NE 1/4, Section 7, T18S, R27E, MDB&M, prior to 1945. In 1945, a pump was installed 3 miles below McKay Point on south bank of Kaweah River in southeast corner of Section 12, T18S, R26E, MDB&M. In 1954, a ditch was constructed with head 1 mile below McKay Point on south bank of Kaweah River in SE 1/4, Section 12, T18S, R26E.

Location: 0.75 mile below head of ditch in the NW 1/4, Section 18, T18S, R27E, MDB&M, prior to 1945. From 1945 to 1954 occasional measurements of pump were made. Since 1955, station located at head of ditch in SE 1/4, Section 12, T18S, R26E.

Gage: Rated channel and continuous water-stage recorder.

Operating Agency: Individual landowners.

Gross Service Area: 340 acres.

Period of Record: 1920-1930, inclusive; no record for 1923; 1961 to current year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.9	9.2	3.5	3.6	4.2	4.3	7.2	7.8	0	8.9	8.0	7.8	1
2	9.3	9.1	3.5	3.6	4.2	4.7	7.5	7.5	0	8.8	8.0	7.6	2
3	10.0	9.0	3.5	3.6	4.1	8.1	2.6	8.4	0	4.4	7.9	7.4	3
4	10.0	9.1	3.5	3.6	4.1	7.9	1.0	8.5	0	0	7.9	7.8	4
5	9.6	9.1	3.5	3.6	4.2	7.5	5.1	8.6	3.8	5.1	7.9	7.1	5
6	9.5	9.1	3.5	3.9	4.3	6.0	7.7	9.0	7.7	8.4	7.9	7.3	6
7	11.1	9.1	3.5	3.6	4.2	4.3	7.7	9.2	7.8	8.1	7.9	6.5	7
8	10.7	9.1	3.5	3.8	4.1	3.4	8.0	8.7	7.6	8.2	7.9	6.0	8
9	10.1	9.1	3.7	3.8	4.1	7.8	7.9	8.9	7.6	8.1	7.9	6.7	9
10	9.8	9.1	3.7	4.1	4.1	7.8	8.7	9.2	7.6	8.1	7.8	8.2	10
11	10.4	9.1	3.7	4.3	3.7	7.7	8.7	7.9	7.3	8.1	7.8	8.8	11
12	11.1	9.1	3.7	4.3	3.7	7.8	8.5	8.0	8.0	8.4	7.8	8.3	12
13	10.9	9.0	3.7	3.3	3.8	1.6	9.0	8.2	8.6	8.0	7.9	8.5	13
14	11.3	7.8	3.7	3.3	3.9	0	9.9	8.4	8.6	8.0	7.9	7.2	14
15	10.9	4.2	5.7	3.2	3.8	4.1	9.9	8.5	8.6	8.1	7.9	7.4	15
16	9.4	4.1	5.2	3.2	3.7	8.2	10.2	8.6	8.6	8.2	7.8	8.6	16
17	10.7	4.1	5.0	3.2	3.8	8.3	7.7	8.7	8.6	7.9	7.8	8.8	17
18	13.5	4.1	5.3	3.2	4.2	8.5	6.0	8.9	8.7	7.9	7.9	8.9	18
19	2.7	3.8	5.1	6.7	4.2	8.4	5.6	8.6	8.7	7.9	7.9	8.9	19
20	5.4	6.4	5.4	8.1	4.2	2.9	5.7	8.1	8.7	8.0	7.8	8.9	20
21	9.0	6.4	3.6	6.1	4.2	0	5.9	8.1	8.6	8.0	7.8	8.8	21
22	9.0	3.7	3.7	4.2	4.2	5.6	7.5	6.9	8.7	8.0	7.8	8.4	22
23	9.0	3.7	3.6	4.2	4.2	7.9	7.8	7.8	8.7	8.0	7.8	8.7	23
24	9.0	3.7	3.6	3.8	4.1	8.0	5.1	7.9	8.7	8.0	6.3	8.6	24
25	9.0	3.7	3.6	4.0	4.2	8.1	1.2	6.2	8.8	8.0	5.6	7.8	25
26	9.0	3.6	3.6	4.2	4.3	8.2	0	6.3	9.0	7.9	5.9	8.2	26
27	9.2	3.4	3.5	4.2	4.3	2.1	0	5.0	9.2	7.9	7.2	8.6	27
28	8.9	3.6	3.5	4.2	4.1	7	0	7.0	9.1	7.9	7.5	8.3	28
29	9.0	3.3	3.5	4.2	4.3	5.6	4.0	7.1	9.0	7.9	7.4	9.1	29
30	9.1	3.2	3.6	4.2	4.2	7.7	6.9	6.5	8.9	8.0	7.4	10.1	30
31	9.1		3.6	4.2		7.0		6.5			7.6		31
MEAN													MEAN
MAX.	13.5	9.2	5.7	8.1	4.3	8.5	10.2	9.2	9.2	8.9	8.0	10.1	MAX.
MIN.	2.7	3.2	3.5	3.2	3.7	0	0	5.0	0	0	5.6	6.0	MIN.
AC. FT.	586	379	241	253	235	357	363	487	427	453	468	483	AC. FT.

Total Acre-Feet 4732



Table B-1 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.8	6.7	4.2	4.3	4.0	6.0	6.1	.5	5.0	5.7	8.1	8.0	1
2	0	8.5	4.2	4.3	4.0	6.1	7.5	0	5.3	4.4	8.6	7.7	2
3	0	8.5	4.2	4.3	4.0	6.2	7.1	0	5.3	4.0	8.4	7.5	3
4	0	8.5	4.2	4.2	4.0	6.2	6.8	0	5.2	3.6	7.9	7.2	4
5	0	8.4	4.2	4.2	3.3	6.2	6.8	1.3	5.2	5.5	7.2	7.0	5
6	0	6.2	4.2	4.2	2.9	5.9	6.7	2.4	4.8	7.5	7.1	6.7	6
7	0	5.7	4.1	4.2	3.1	5.7	6.7	2.4	2.9	7.9	7.4	6.6	7
8	4.8	6.0	4.0	4.2	2.0	5.6	6.4	2.3	3.8	8.1	7.7	6.4	8
9	5.7	6.5	3.8	4.2	1.9	5.4	6.4	2.3	5.9	7.5	7.5	6.3	9
10	5.6	6.4	3.6	4.2	1.6	2.0	6.5	2.2	6.4	7.2	7.5	6.1	10
11	5.8	6.4	3.6	4.2	1.5	3.8	6.7	2.1	6.7	7.6	7.4	5.9	11
12	5.4	7.3	3.7	4.2	1.4	6.4	6.7	2.3	6.6	7.6	7.4	5.9	12
13	5.4	6.3	3.8	4.2	1.4	6.2	6.7	0.9	6.7	7.8	7.4	2.4	13
14	4.7	3.3	3.9	4.2	1.4	6.1	6.7	0	6.8	7.7	7.4	2.3	14
15	4.7	3.6	3.9	4.2	1.6	6.1	6.7	0	7.3	8.1	7.5	2.2	15
16	4.8	3.5	3.9	4.2	3.7	6.1	6.7	0	7.7	8.2	7.4	2.0	16
17	5.2	3.8	3.9	4.2	5.9	6.1	7.2	0	7.0	8.2	7.1	1.9	17
18	4.7	4.2	3.7	4.1	5.8	3.0	6.9	0	6.7	8.3	6.9	1.8	18
19	2.9	4.2	3.7	4.1	5.7	2.2	6.9	0	6.5	8.0	7.2	1.8	19
20	4.5	4.2	3.6	4.1	4.2	1.6	6.8	0	6.4	8.0	7.1	1.5	20
21	4.7	4.3	3.8	4.1	5.5	2.8	6.6	0	6.6	8.0	7.0	1.5	21
22	4.6	4.4	3.7	4.1	4.9	5.6	6.4	0	6.6	8.2	6.8	1.5	22
23	4.3	3.6	3.7	4.1	4.6	6.4	6.7	0	7.5	8.4	6.9	1.5	23
24	6.9	3.6	3.6	4.1	4.3	6.1	7.7	.4	8.6	8.4	7.1	1.5	24
25	7.7	4.1	3.6	4.1	4.4	5.8	7.8	1.5	8.5	8.5	7.6	1.5	25
26	7.2	4.1	3.6	4.0	3.7	5.5	7.5	3.9	8.3	8.3	8.1	1.5	26
27	7.1	4.1	3.6	4.0	3.4	5.3	6.7	4.0	7.6	8.3	8.0	1.5	27
28	7.0	4.1	3.6	4.0	3.5	5.7	7.1	5.4	6.5	8.4	8.6	1.7	28
29	6.8	4.2	3.8	4.0	6.8	5.7	6.4	6.4	5.7	8.4	8.6	1.9	29
30	6.6	4.2	4.2	4.0	6.8	1.0	6.8	5.3	4.8	8.6	8.5	2.0	30
31	6.5		4.3	4.0	6.7		6.7	5.2		7.6	8.3		31
MEAN	7.7	8.5	4.3	4.3	5.9	6.8	7.8	6.4	8.6	8.6	8.6	8.0	MEAN
MAX.	0	3.3	3.6	4.0	1.4	1.6	1.0	0	2.9	3.6	6.8	1.5	MAX.
AC.FT.	275	315	238	255	194	330	393	101	375	460	468	225	AC.FT.

Total Acre-Feet 3629

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	.4	.8	.7					0	8.8	8.9	6.6	6.3	1
2	.5	.7	.6					0	8.7	8.9	6.6	6.2	2
3	.6	.6	.5					0	8.7	8.8	6.6	6.3	3
4	3.5	1.4	.5					0	8.7	8.8	6.6	6.4	4
5	6.7	1.1	.4					0	8.7	9.1	6.7	2.6	5
6	6.7	1.2	0					0	9.5	9.3	6.3	0	6
7	6.7	1.2	0					0	7.7	9.4	5.7	0	7
8	6.7	1.2	0					0	7.7	9.4	8.0	0	8
9	6.7	1.1	.5					0	6.4	10.5	8.0	0	9
10	6.7	1.1	1.5					0	8.7	11.0	7.7	0	10
11	6.7	1.1	3.1					0	8.1	2.4	6.6	0	11
12	6.7	1.0	4.8	N	N	N	N	0	7.8	0	5.8	2.6	12
13	6.7	.9	4.2	0	0	0	0	0	7.6	0	6.0	6.4	13
14	6.4	1.1	5.2					0	7.7	0	6.1	5.5	14
15	6.6	1.1	4.9					0	7.9	0	6.1	5.8	15
16	6.4	1.1	5.2	F	F	F	F	0	7.9	0	5.9	5.9	16
17	6.4	.7	3.2	L	L	L	L	0	8.0	4.8	5.8	6.4	17
18	7.4	3.6	3.0	0	0	0	0	0	8.0	7.2	5.6	7.4	18
19	6.8	9.9	2.4	W	W	W	W	2.5	8.0	6.6	1.8	1.9	19
20	6.8	10.3	0					6.0	7.9	6.3	3.1	0	20
21	6.4	8.0	0					6.0	8.0	6.3	5.7	0	21
22	5.3	3.0	0					8.3	8.1	6.2	5.7	0	22
23	4.2	2.1	0					7.1	8.1	6.3	5.6	0	23
24	3.9	1.5	3.0					7.0	8.2	6.3	5.6	0	24
25	1.0	1.3	2.4					7.0	9.6	6.3	5.3	0	25
26	1.4	1.3	0					7.0	10.5	7.0	4.9	0	26
27	1.5	1.2	0					7.8	10.5	7.5	4.2	0	27
28	1.3	1.0	0					8.7	10.5	7.2	4.0	0	28
29	1.1	.9	0					8.7	9.6	7.3	5.7	0	29
30	1.1	.9	0					8.7	9.0	7.2	6.2	0	30
31	1.1		0					9.1		4.5	6.3		31
MEAN	7.4	10.3	5.2					9.1	10.6	11.0	8.0	7.4	MEAN
MAX.	.4	.4	0					0	6.4	0	1.8	0	MAX.
AC.FT.	279	122	91					186	505	384	359	138	AC.FT.

Total Acre-Feet 2064

Table B-1 (Cont'd)

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	5.2					0	5.3	6.8	6	6.6	5.2	1
2	0	5.5					0	5.2	6.2	6	9.9	5	2
3	0	5.6					0	5.9	6.2	6.3	9.9	5	3
4	0	5.6					0	6.3	6.2	7.2	9.9	4.9	4
5	0	5.6					0	6.4	6.2	8.3	10.9	7.2	5
6	0	5.6					0	6.6	7	8.3	11	8.8	6
7	0	5.7					0	6.7	7	8.3	10.4	5	7
8	0	5.6					0	6.7	7	8.3	11.3	4.6	8
9	0	5.6					0	7.3	7	8.3	11.4	4.7	9
10	0	5.6					0	7.8	7	8.3	11.4	4.9	10
11	0	5.6					0	7.5	7	8.3	11.5	8.5	11
12	0	5.6	N	N	N	N	0	7.5	7.1	8.3	11.7	8	12
13	0	2.8	O	O	O	O	0	7.5	7.1	8.3	11.7	7.4	13
14	0	0					0	7.3	7	8.3	11.7	6.7	14
15	0	0					0	6.6	7	8.5	11.8	6.7	15
16	0	0	F	F	F	F	0	6.4	5.7	8.5	11.7	8.5	16
17	0	0	L	L	L	L	0	6.6	0	8.5	11.9	8.3	17
18	0	0	O	O	O	O	0	6.6	0	10.1	12	7	18
19	0	0	W	W	W	W	4.4	6.6	4.0	12	11	7.4	19
20	0	0					5.8	6.6	6.3	11	10.8	7	20
21	0	0						6.6	6.3	10.8	10.4	5.6	21
22	0	0						5.8	6.6	6.3	10.8	5.5	22
23	4.5	0						5.8	6.6	6.3	10.8	4.9	23
24	6.6	0						5	6.5	6.3	10.8	4.5	24
25	6.1	0						5.1	6.5	6	10.7	4	25
26	5.3	0						3.9	6.5	6	10.6	3.7	26
27	5.2	0						4.2	6.5	5.8	9.3	2.6	27
28	5.3	0						4	6.5	6.3	6.6	3.6	28
29	5.3	0						3.9	7	6.3	5.4	5.8	29
30	5.4	0						4.5	7.5	6.3	4.9	5.6	30
31	5.4	0						7.5	7.5	4.9	5.4	3.9	31
MEAN													MEAN
MAX.	6.6	5.7					5.8	7.8	7.1	12	12.0	8.8	MAX.
MIN.	0	0					0	5.2	0	4.9	4.5	2.6	MIN.
AC. FT.	97	138					115	412	357	521	602	344	AC. FT.

Total Acre-Feet 2586

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	5.6		0				0	7.0	8.7	9.2	12.7	5.6	1
2	5.6		0				0	6.4	8.4	9.3	11.3	4.9	2
3	5.6		0				2.2	7.4	7.3	9.3	10.2	4.6	3
4	5.6		0				3.2	8.7	7.0	9.2	10.2	4.6	4
5	5.2		0				3.3	7.9	7.7	9.3	10.0	4.9	5
6	5.5		0				3.2	7.6	7.8	9.3	9.3	5.2	6
7	5.7		0				2.8	7.5	8.7	9.3	9.2	5.0	7
8	5.5		0				2.7	7.7	9.0	9.3	8.3	6.7	8
9	2.8		0				2.9	7.1	8.3	8.9	8.3	7.0	9
10	2.9		.5				2.7	6.5	8.0	8.0	8.2	6.9	10
11	3.1		.5				2.7	6.3	7.5	7.6	7.8	7.1	11
12	3.2	N	.5	N	N	N	2.5	6.3	6.3	8.4	6.8	7.3	12
13	3.2	O	.5	O	O	O	2.5	6.4	6.2	8.6	6.9	7.5	13
14	3.4		.5				2.4	7.2	9.0	8.6	7.2	8.3	14
15	3.5		.5				2.3	7.5	9.3	8.3	7.5	8.1	15
16	3.6	F	.5	F	F	F	5.3	6.7	9.1	8.4	7.6	6.6	16
17	3.6	L	.5	L	L	L	6.7	6.5	9.5	8.5	7.5	8.0	17
18	3.6	O	0	O	O	O	9.2	6.5	10.3	8.5	7.4	9.1	18
19	3.7	W	0	W	W	W	10.3	7.8	11.1	9.7	9.3	8.9	19
20	3.8		0				10.3	9.0	11.6	10.4	11.7	9.8	20
21	4.0		0				10.3	9.0	10.8	10.4	11.6	10.5	21
22	4.3		0				9.1	8.9	10.1	10.5	11.6	10.5	22
23	3.9		0				7.1	8.3	10.1	9.9	11.4	10.3	23
24	3.8		0				6.1	7.7	10.0	9.2	11.3	9.1	24
25	3.6		0				5.6	7.2	9.5	9.2	11.5	8.2	25
26	1.2		0				7.1	7.6	10.3	9.3	12.1	7.9	26
27	0		0				7.4	7.9	10.7	9.5	12.3	9.2	27
28	0		0				7.7	7.8	10.0	9.6	11.6	8.8	28
29	0		0				8.2	8.3	9.5	10.1	9.7	6.8	29
30	0		0				7.6	8.4	9.2	11.9	6.6	4.4	30
31	0		0					8.5		13.7	6.2		31
MEAN													MEAN
MAX.	5.7		.5				10.3	9.0	11.6	13.7	12.7	10.5	MAX.
MIN.	0		0				0	6.3	6.2	7.6	6.2	4.4	MIN.
AC. FT.	209		8				304	463	538	578	582	440	AC. FT.

Total Acre-Feet 3122

Table B-2

HAWA RANCH RIPARIAN

Point of Diversion: South side Lower Kaweah River, north of east quarter corner, Section 7, T18S, R27E, M08&N.

Remarks: Diversion by two electric pumps. Pumps are rated to electric meter. Record is partially estimated.

WATER YEAR	STATION NO.	STATION NAME
1976		HAWA RANCH RIPARIAN

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.3				3.2	1.1	4.4	8.6	5.4	5.8	5.8	4.1	1
2	4.3				3.2	4.3	4.4	8.6	5.4	5.8	4.9	4.1	2
3	4.3				7.6	11.3	4.4	5.4	1.8	5.8	4.7	4.1	3
4	1.9				9.0	11.3	4.4	5.4	0	8.5	7.1	1.4	4
5	1.3				.7	11.3	4.4	5.4	0	9.9	9.8	0	5
6	3.1				0	11.3	4.4	5.4	0	8.5	11.2	2.7	6
7	6.2				0	11.3	4.4	8.3	0	5.8	11.2	4.1	7
8	4.3				0	11.3	4.4	9.3	3.3	5.8	11.2	4.1	8
9	4.3				0	11.3	4.4	9.3	4.1	5.8	11.2	4.1	9
10	4.3				3.4	11.3	4.4	9.3	2.7	8.5	11.2	4.1	10
11	4.3				3.8	11.3	4.4	9.3	0	9.9	11.2	4.1	11
12	4.3	N	N	N	6.1	11.3	4.4	9.3	0	9.9	11.2	4.1	12
13	4.3	O	O	O	6.1	5.1	5.7	9.3	0	9.9	11.2	4.1	13
14	4.3				6.1	0	3.3	6.7	3.9	7.2	11.2	4.1	14
15	4.3				6.1	0	2.2	9.5	5.8	8.0	11.2	4.1	15
16	4.3	F	F	F	6.1	0	1.6	9.5	8.5	8.5	11.2	4.1	16
17	4.3	L	L	L	6.1	5.3	4.2	9.5	9.9	8.3	11.2	4.1	17
18	4.3	O	O	O	6.1	7.0	4.2	9.5	9.9	9.9	11.2	1.4	18
19	4.3	W	W	W	6.1	7.0	4.2	9.5	9.9	9.9	11.2	0	19
20	4.3				6.1	7.0	4.2	9.5	9.9	9.9	11.2	0	20
21	4.3				2.4	7.0	4.2	9.5	9.9	9.9	11.2	2.7	21
22	4.3				0	7.0	5.8	9.5	9.9	7.2	11.2	6.2	22
23	4.3				0	7.0	5.8	7.0	9.9	5.8	11.2	2.1	23
24	4.3				0	7.0	8.4	5.4	7.2	5.8	11.2	0	24
25	4.3				0	7.0	8.4	8.7	8.8	5.8	11.2	2.1	25
26	4.3				0	7.0	8.4	7.4	9.9	5.8	11.2	2.1	26
27	4.3				0	1.4	9.0	7.4	9.9	8.5	8.3	2.1	27
28	4.3				0	0	9.0	7.4	7.2	9.9	8.8	2.1	28
29	4.3				0	0	9.0	7.4	9.9	4.1	4.1	2.1	29
30	4.3				2.3	5.9	7.4	7.4	8.5	4.1	4.1	2.1	30
31	3.2				4.4		7.4	7.4		4.1	4.1		31
MEAN													MEAN
MAX.	6.2				9.0	11.3	9.0	9.5	9.9	9.9	11.2	6.2	MAX.
MIN.	1.3				0	0	1.6	5.4	0	4.1	4.1	0	MIN.
AC. FT.	253				175	397	310	498	340	461	589	172	AC. FT.

Total Acre-Feet 3195

Table B-2 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	0	6.3	1.6	0	4.8	8.7	8.9	0	7.7	9.2	9.2	1
2	1.6	0	1.6	1.6	0	5.7	5.8	8.9	0	7.7	9.2	9.2	2
3	1.6	0	0	1.6	0	5.7	5.8	8.9	0	7.7	9.2	9.2	3
4	1.6	0	0	1.6	0	5.7	5.8	8.9	0	7.7	9.2	9.2	4
5	1.6	0	0	1.6	0	5.7	5.8	8.9	0	7.7	9.2	9.2	5
6	1.6	0	4.7	1.6	0	5.7	5.4	8.9	0	7.7	9.2	9.2	6
7	1.6	0	6.3	1.6	0	5.7	5.4	8.9	0	7.7	9.2	9.2	7
8	1.6	0	6.3	1.6	0	5.1	7.5	8.9	0	7.7	9.2	9.2	8
9	0	0	6.3	1.6	0	3.3	7.2	8.8	1.6	7.7	9.2	9.2	9
10	0	0	6.3	1.6	0	3.3	7.2	8.7	6.5	6.2	8.2	9.2	10
11	2.9	0	6.3	0	0	3.3	7.2	8.7	7.7	4.7	1.3	9.2	11
12	1.6	0	6.3	0	0	3.3	7.2	8.7	7.7	3.1	0	9.2	12
13	1.6	0	6.3	0	0	3.3	7.2	8.7	7.7	0	0	5.6	13
14	1.6	0	6.3	0	0	3.3	8.1	8.7	7.7	0	0	4.1	14
15	1.6	0	6.3	0	0	3.3	8.1	8.7	7.7	0	0	4.1	15
16	1.6	0	3.1	0	3.6	3.3	8.1	8.7	7.7	0	0	4.1	16
17	1.6	0	1.6	0	7.1	3.3	8.1	8.5	7.7	0	0	4.1	17
18	1.6	0	1.6	0	7.1	3.3	8.1	8.4	7.7	3.5	0	4.1	18
19	1.6	0	1.6	0	7.1	5.4	8.1	8.4	7.7	7.8	0	4.1	19
20	0	0	1.6	0	7.1	3.8	8.1	8.4	7.7	8.8	0	4.1	20
21	0	0	1.6	0	7.1	3.8	8.9	8.4	7.7	8.8	0	1.0	21
22	0	0	1.6	0	7.1	3.8	8.9	8.4	7.7	8.8	0	0	22
23	0	0	1.6	0	7.1	2.5	8.9	8.1	7.7	8.8	0	0	23
24	0	0	0	0	7.1	5.8	8.9	8.4	7.7	8.8	0	0	24
25	0	0	0	0	7.1	5.8	8.9	4.8	7.7	8.8	0	0	25
26	0	0	0	0	7.1	5.8	8.9	7.2	7.7	9.0	0	0	26
27	0	0	1.1	0	7.1	5.8	8.9	8.4	7.7	9.2	0	0	27
28	0	0	1.6	0	4.5	5.8	8.9	8.4	7.7	9.2	0	0	28
29	0	4.7	1.6	0	0	5.8	8.9	1.6	7.7	9.2	3.1	0	29
30	0	6.3	1.6	0	0	5.8	8.9	0.0	7.7	9.2	7.9	0	30
31	0	0	1.6	0	0	5.8	8.9	0	7.7	9.2	9.2	0	31
MEAN	2.9	6.3	6.3	1.6	7.1	5.8	8.9	8.9	7.7	9.2	9.2	9.2	MEAN
MAX.	0	0	0	0	0	2.5	5.4	0	0	0	0	0	MAX.
AC. FT.	53	22	181	32	171	282	460	473	322	401	223	283	AC. FT.

Total Acre-Feet 2909

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	7.0	8.0	0	9.9	6.5	1.7	1
2						0	7.0	10.6	0	9.9	3.3	0	2
3						0	9.6	10.6	0	9.9	0	0	3
4						0	10.4	10.6	0	9.9	4.9	0	4
5						0	10.4	8.1	0	9.9	6.8	0	5
6						0	10.4	7.2	3.4	9.9	6.8	0	6
7						0	7.5	1.8	5.1	9.9	6.8	0	7
8						0	.9	0	5.1	9.9	6.8	0	8
9						0	0	0	5.1	9.9	6.8	2.6	9
10						0	5.3	0	3.0	9.9	6.8	3.4	10
11						0	9.6	0	3.4	9.9	9.4	3.4	11
12	N	N	N	N	N	0	10.4	0	3.4	9.9	10.2	3.4	12
13	O	O	O	O	O	0	10.4	0	3.4	9.9	10.2	0.9	13
14						0	10.4	0	3.4	9.9	7.7	0	14
15						0	10.4	0	1.7	9.9	6.8	0	15
16	F	F	F	F	F	0	10.4	0	0	9.9	6.8	0	16
17	L	L	L	L	L	0	9.6	0	0	5.0	6.8	0	17
18	O	O	O	O	O	0	7.0	0	0	3.4	6.8	0	18
19	W	W	W	W	W	5.3	1.8	0	0	3.4	9.4	0	19
20						7.0	0	0	0	3.4	10.2	0	20
21						7.0	0	0	0	2.6	10.2	0	21
22						7.0	0	0	0	4.9	7.7	0	22
23						7.0	0	0	0	6.5	6.8	0	23
24						5.3	0	0	2.6	6.5	6.8	0	24
25						0	0	0	3.4	6.5	6.8	0	25
26						0	0	0	3.4	6.5	6.8	0	26
27						5.3	0	0	3.4	6.5	6.8	0	27
28						7.0	0	0	8.3	6.5	9.9	0	28
29						7.0	0	0	10.1	6.5	10.2	0	29
30						7.0	0	0	10.1	6.5	5.1	0	30
31						7.0	0	0	0	6.5	3.4	0	31
MEAN						7.0	10.4	10.6	10.1	9.9	10.2	3.4	MEAN
MAX.						0	0	0	0	2.6	0	0	MAX.
AC. FT.						142.6	294.5	112.9	155.3	475.2	437.0	30.5	AC. FT.

Total Acre-Feet 1648

Table B-2 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		JIANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	0	5.1	0	8.9	3.6	2.6	1
2					0	0	0	5.1	0	8.9	3.6	0	2
3					0	0	0	6.3	0	8.9	3.4	0	3
4					1.1	0	0	8.8	0	8.9	0	0	4
5					3.3	0	0	8.8	0	8.9	0	0	5
6					6.9	0	0	8.8	0	8.9	0	0	6
7					8.7	3.2	0	2.2	0	7.2	0	0	7
8					8.7	4.2	0	0	0	3.7	0	0	8
9					8.7	4.2	0	0	0	3.7	0	0	9
10					5.8	4.2	0	0	0	3.7	0	0	10
11					2.5	4.2	0	0	0	3.7	0	0	11
12	N	N	N	N	3.3	4.2	0	0	0	3.7	0	0	12
13	O	O	O	O	3.3	4.2	0	0	0	3.7	0	0	13
14					.8	7.8	0	0	0	7.2	0	0	14
15					0	9.6	0	0	0	8.9	0	0	15
16	F	F	F	F	0	9.6	0	0	0	8.9	0	0	16
17	L	L	L	L	0	9.6	0	0	0	8.9	0	0	17
18	O	O	O	O	0	5.2	0	0	0	8.9	0	0	18
19	W	W	W	W	0	3.8	3.4	0	5.8	8.9	0	0	19
20					0	9.6	7.9	0	8.9	8.9	3.5	0	20
21					0	9.6	9.3	0	8.9	8.9	4.6	0	21
22					0	9.6	9.3	0	8.9	8.9	4.6	0	22
23					0	9.6	9.3	0	8.9	8.9	4.6	0	23
24					0	9.6	9.3	0	8.9	7.6	4.6	0	24
25					0	9.6	9.3	0	8.9	3.7	4.6	0	25
26					0	8.2	9.3	0	8.9	3.7	4.6	0	26
27					0	5.4	9.3	0	8.9	3.7	4.6	0	27
28					0	5.4	9.3	0	8.9	3.7	6.4	0	28
29					0	5.4	9.3	0	8.9	3.7	8.2	0	29
30					0	5.4	6.2	0	8.9	3.7	8.2	0	30
31					0	3.6	0	0	0	3.7	8.2	0	31
MEAN					8.7	9.6	9.3	8.8	8.9	8.9	8.2	2.6	MEAN
MAX.					0	0	0	0	0	0	0	0	MAX.
MIN.					0	0	0	0	0	0	0	0	MIN.
AC. FT.					105	327	201	89	206	108	153	6	AC. FT.

Total Acre-Feet 1490.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	8.9	0	6.3	6.3	6.3	6.3	1
2						0	8.9	0	6.3	6.3	6.3	6.3	2
3						0	8.9	0	6.3	6.3	6.3	6.3	3
4						0	8.9	0	4.2	6.3	6.3	6.3	4
5						0	8.9	0	0	6.3	6.3	6.3	5
6						0	8.9	0	0	6.3	6.3	6.3	6
7						0	8.9	0	0	6.3	6.3	6.3	7
8						0	9.9	0	0	6.3	6.3	6.3	8
9						0	6.3	0	0	3.4	6.3	6.3	9
10						0	2.6	0	0	4.7	6.3	4.7	10
11						0	0	0	0	6.3	6.3	0	11
12	N	N	N	N	N	0	0	0	0	6.3	6.3	0	12
13	O	O	O	O	O	0	0	0	0	6.3	6.3	0	13
14						0	0	0	0	6.3	6.3	0	14
15						0	0	0	0	6.3	6.3	0	15
16	F	F	F	F	F	0	0	0	0	6.3	6.3	0	16
17	L	L	L	L	L	0	0	0	0	6.3	6.3	0	17
18	O	O	O	O	O	0	0	0	0	6.3	6.3	0	18
19	W	W	W	W	W	0	0	0	0	6.3	6.3	0	19
20						0	0	0	0	6.3	6.3	0	20
21						0	0	0	2.9	6.3	6.3	0	21
22						0	0	0	6.3	6.3	4.2	0	22
23						0	3.7	0	6.3	6.3	0	0	23
24						0	6.3	0	6.3	6.3	4.7	0	24
25						0	6.3	0	6.3	6.3	6.3	0	25
26						0	4.2	0	6.3	6.3	6.3	0	26
27						0	0	0	6.3	6.3	6.3	0	27
28						0	0	0	6.3	6.3	6.3	0	28
29						0	0	4.7	6.3	6.3	6.3	0	29
30						0	0	6.3	6.3	6.3	6.3	0	30
31						4.5	0	6.3	6.3	6.3	6.3	0	31
MEAN					4.5	9.9	6.3	6.3	6.3	6.3	6.3	6.3	MEAN
MAX.					0	0	0	0	0	0	0	0	MAX.
MIN.					0	0	0	0	0	0	0	0	MIN.
AC. FT.					9	202	34	164	378	368	122		AC. FT.

Total Acre-Feet 1277

Table B-3

CONSOLIDATED PEOPLES DITCH

Point of Diversion: 4.5 miles below McKay Point on the south bank of Lower Kaweah River in the NE 1/4, Section 14, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 700 cfs.

Location: At head of ditch in the NE 1/4, Section 14, T18S, R26E, MDB&M.

Gage: Concrete headgate and flashboards, rated by current meter measurements from footbridge below headgate. Water-stage recorder above headgate. Parshall flume installed September 1954.

Operating Agencies: Consolidated Peoples Ditch Company and Elk Bayou Ditch Company.

Gross Service Area: Consolidated Peoples Ditch Company, 16,000 acres. Elk Bayou Ditch Company, 8,900 acres.

Period of Record: April 15, 1917 to current year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	60		0	33	50			0	151	174		1
2	0	60		0	31	42			0	155	172		2
3	0	60		0	31	43			0	156	171		3
4	0	65		0	32	30			0	155	158		4
5	0	65		0	30	19				155	160		5
6	0	65		0	17	26			0	151	170		6
7	0	65		0	0	30			32	151	159		7
8	0	65		0	0	26			79	153	153		8
9	0	65		8	0	23			101	149	150		9
10	0	66		27	0	20			109	148	151		10
11	0	57		29	0	22			119	151	157		11
12	0	57	N	30	0	29	N	N	129	152	158	N	12
13	0	55	O	28	0	35	O	O	130	152	159	O	13
14	0	57		26	0	42			129	149	159		14
15	0	60		25	0	39			122	151	155		15
16	15	60	F	25	0	31	F	F	122	155	157	F	16
17	49	59	L	25	0	26	L	L	130	155	156	L	17
18	50	63	O	24	7	29	O	O	132	157	154	O	18
19	56	62	W	22	23	30	W	W	135	158	150	W	19
20	58	61		22	26	29			139	157	149		20
21	47	36		27	28	35			140	156	144		21
22	50	0		28	27	29			142	156	139		22
23	50	0		30	27	24			140	155	143		23
24	46	0		30	27	27			142	153	144		24
25	46	0		30	27	31			143	152	130		25
26	47	0		29	24	36			137	158	119		26
27	50	0		28	33	43			135	160	73		27
28	49	0		30	36	41			144	165	19		28
29	49	0		35	38	26			147	176	12		29
30	55	0		34		0			152	181	9		30
31	59			33						180	0		31
MEAN	59	66		35	38	50			152	181	174		MEAN
MAX.	0	0		0	0	0			0	148	0		MAX.
MIN.	1539	2505		1240	986	1811			6010	9626	8140		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 31857

Table B-3 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	151							0	106	146		1
2	0	158							0	115	149		2
3	0	162							0	119	153		3
4	0	172							0	121	150		4
5	0	179							0	123	149		5
6	0	90							0	122	151		6
7	0	0							0	121	149		7
8	0	0							0	125	149		8
9	0	0							0	129	147		9
10	0	0							0	131	148		10
11	0	0							0	131	149		11
12	0	0	N	N	N	N	N	N	0	134	143	N	12
13	0	0	O	O	O	O	O	O	0	139	146	O	13
14	0	0							0	142	149		14
15	0	0							0	146	149		15
16	0	0	F	F	F	F	F	F	0	147	147	F	16
17	0	0	L	L	L	L	L	L	0	147	150	L	17
18	0	0	O	O	O	O	O	O	0	146	152	O	18
19	0	0	W	W	W	W	W	W	0	145	153	W	19
20	0	0							0	144	116		20
21	0	0							0	144	16		21
22	0	0							0	145	0		22
23	0	0							0	144	0		23
24	0	0							0	142	0		24
25	75	0							0	143	0		25
26	181	0							0	144	0		26
27	172	0							56	146	0		27
28	155	0							65	149	0		28
29	153	0							82	147	0		29
30	153	0							100	146	0		30
31	152	0								145	0		31
MEAN	181	179							100	149	153		MEAN
MAX.	0	0							0	106	0		MAX.
MIN.	2066	1809							601	751.3	587.3		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 17861

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Sweeney Ditch.		0	80	88	80	0	287	384	371	352	354	1
2			0	75	89	101	0	309	384	365	349	342	2
3			0	61	88	98	17	314	361	379	357	334	3
4			0	60	83	37	47	330	362	387	363	337	4
5			0	73	85	0	50	366	354	387	357	330	5
6			0	82	98	0	53	387	359	384	347	303	6
7			0	80	128	0	26	376	362	373	354	258	7
8			0	78	144	0	0	376	366	363	361	247	8
9			0	79	145	0	0	397	371	368	365	247	9
10			0	107	32	0	0	418	368	368	365	238	10
11			0	115	23	0	18	424	368	368	363	230	11
12	N	N	0	128	19	0	35	435	367	368	359	217	12
13	O	O	0	110	25	0	42	436	378	365	368	211	13
14			0	79	0	14	56	436	390	365	361	197	14
15			0	119	0	31	83	435	389	368	359	197	15
16	F	F	0	126	0	39	120	441	385	373	361	197	16
17	L	L	0	183	30	75	95	445	381	370	357	195	17
18	O	O	0	162	53	84	94	453	384	373	347	195	18
19	W	W	0	148	54	82	94	456	383	373	344	191	19
20			0	109	54	82	135	453	384	373	344	188	20
21			0	137	55	83	203	450	382	377	352	189	21
22			0	130	64	12	203	450	379	377	368	187	22
23			0	100	62	0	201	448	383	373	368	181	23
24			0	109	82	0	201	448	383	370	368	178	24
25			0	123	80	0	207	450	380	370	381	182	25
26			0	112	79	0	202	445	382	363	381	183	26
27			1	104	74	25	232	429	376	357	361	185	27
28			54	101	69	60	263	420	382	357	354	185	28
29			73	100		60	263	406	382	365	359	197	29
30			75	99		61	265	389	379	357	354	205	30
31			76	91		33		385		352	352		31
MEAN			76	183	145	101	265	456	390	387	381	354	MEAN
MAX.			0	60	0	0	0	287	354	352	344	178	MAX.
MIN.			553	6466	3576	2097	6357	25179	22390	22729	22078	13646	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 125071

Table B-3 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	205	145	41	32	83	44	95	258	334	359	183		1
2	205	151	41	28	89	29	97	258	332	354	183		2
3	201	156	40	27	89	22	113	256	337	344	181		3
4	203	158	39	27	87	22	115	255	337	354	179		4
5	201	158	40	27	86	22	115	258	332	342	173		5
6	199	160	40	27	95	21	113	258	336	349	173		6
7	201	162	40	27	104	13	120	258	342	349	171		7
8	201	160	40	28	107	7	128	253	334	347	160		8
9	201	158	40	27	106	6	128	255	339	342	151		9
10	191	158	40	29	100	5	137	255	344	334	142		10
11	185	107	40	30	101	0	140	255	344	334	133		11
12	185	26	34	30	95	0	145	255	344	339	137		12
13	185	27	34	28	86	0	155	255	348	337	138	N	13
14	185	29	36	28	94	0	164	257	354	323	138	O	14
15	185	29	37	67	95	0	164	258	354	317	137		15
16	185	29	37	101	95	0	173	255	357	323	81	F	16
17	185	28	37	99	99	0	193	258	357	332	15	L	17
18	185	26	42	96	101	0	213	258	354	347	0	O	18
19	185	26	43	87	101	0	221	263	352	352	0	W	19
20	185	26	38	80	104	0	234	255	354	352	0		20
21	183	29	42	80	114	0	245	255	357	357	0		21
22	179	28	41	67	111	5	245	255	359	357	0		22
23	172	30	35	63	102	5	245	260	361	357	0		23
24	171	30	34	67	99	54	189	267	359	357	0		24
25	111	26	34	69	97	102	233	277	349	359	0		25
26	0	26	34	73	110	102	249	287	351	359	0		26
27	0	26	34	72	117	106	255	298	354	357	0		27
28	0	30	34	71	77	112	258	325	354	282	0		28
29	0	44	34	70	92	92	258	344	354	215	0		29
30	60	38	34	69	92	92	258	342	356	197	0		30
31	145		34	71	95	95		337		181	0		31
MEAN	205	162	42	101	107	112	258	344	361	359	183		MEAN
MAX.	0	26	34	27	77	0	95	253	332	181	0		MAX.
MIN.	9677	4415	2319	3366	5443	1896	10707	16636	20706	20226	4909		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 100300

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	0	20	24	133	448	273	284	263	359	383	325	1
2	0	0	20	28	133	450	287	273	263	360	379	314	2
3	0	0	20	30	131	453	292	260	273	359	387	306	3
4	0	0	20	29	130	412	290	260	287	358	387	308	4
5	0	0	18	30	130	421	280	260	303	358	387	312	5
6	0	0	18	30	130	384	267	260	317	354	384	313	6
7	0	0	18	30	130	318	267	260	320	354	379	309	7
8	0	0	18	29	130	305	267	265	325	347	377	301	8
9	0	0	18	31	128	300	263	265	322	333	377	296	9
10	0	0	17	30	127	376	257	267	320	318	373	299	10
11	0	0	17	31	132	452	257	265	325	313	373	301	11
12	0	0	17	33	144	379	255	263	330	310	373	294	12
13	0	0	17	20	147	219	253	263	334	313	370	290	13
14	0	0	17	59	151	200	263	260	334	315	370	287	14
15	0	15	16	123	157	197	273	257	334	324	370	286	15
16	0	15	16	185	105	196	282	264	334	330	370	287	16
17	0	14	16	201	85	179	300	260	332	332	370	205	17
18	0	13	15	189	57	169	318	257	332	339	370	141	18
19	0	12	15	177	56	160	328	257	332	344	359	131	19
20	0	11	15	189	92	151	340	267	334	347	358	122	20
21	0	13	16	185	217	160	347	277	334	354	354	119	21
22	0	14	16	179	243	167	344	285	337	360	355	114	22
23	0	14	16	181	453	166	342	285	337	360	357	117	23
24	5	14	16	181	575	179	339	277	337	360	357	106	24
25	24	14	17	181	543	196	327	273	344	360	357	91	25
26	70	15	17	179	522	211	319	271	354	360	347	89	26
27	73	23	17	177	525	226	320	263	354	360	347	112	27
28	75	24	19	162	475	237	319	260	357	360	347	103	28
29	64	24	23	146	450	243	315	263	366	360	348	102	29
30	36	20	23	133	240	240	296	263	361	373	342	98	30
31	0		22	130	253	253		265		387	330		31
MEAN	75	24	23	201	575	453	347	285	366	387	387	325	MEAN
MAX.	0	0	15	24	56	151	253	257	263	310	330	89	MAX.
MIN.	688	506	1091	6609	12756	16755	17613	16362	19228	21344	22487	12849	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 148488



Table B-4

LOWER KAWEAH BELOW PEOPLES DITCH

Point of Diversion: In the NE 1/4, Section 14, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 2,600 cfs, with bypass for higher flows.

Location: Approximately 200 feet below Consolidated Peoples Ditch Company's point of diversion.

Gage: 40-foot Parshall flume with water-stage recorder.

Operating Agency: Kaweah and St. Johns Rivers Association.

Period of Record: 1959 to current year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LOWER KAWEAH BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7	26	79	93	67	13	Includes Central Valley Project water February 20-25.		0	170	125		1
2	10	26	116	93	68	5			0	169	91		2
2	11	26	136	92	72	0			0	171	57		2
4	11	26	167	92	72	0			0	170	63		4
3	15	26	169	92	70	0			18	167	63		3
6	12	26	165	81	77	0			125	180	52		6
7	12	26	165	54	48	0			135	196	53		7
8	11	26	155	57	37	0			143	177	53		8
9	10	26	135	61	44	0			177	160	52		9
10	14	27	127	50	51	0			189	156	53		10
11	17	23	127	47	17	0			182	155	39		11
12	20	23	128	46	13	0	N	O	177	157	40	N	12
13	17	23	122	39	19	0	O		175	157	40	O	12
14	13	24	121	36	21	0			177	157	40		14
13	14	26	118	35	21	0			185	156	37		12
16	9	26	118	35	20	0	F	F	203	150	40	F	16
17	12	35	118	34	18	0	L	L	198	133	40	L	17
18	17	48	116	31	14	0	O	O	200	129	41	O	18
19	19	47	109	28	9	0	W	W	196	133	40	W	19
20	20	46	112	28	109	0			189	134	37		20
21	19	62	116	48	162	0			190	145	36		21
22	19	66	112	71	162	0			188	155	37		22
23	19	77	95	75	163	0			192	138	37		23
24	19	77	96	75	160	0			196	106	45		24
23	19	75	105	75	64	0			190	105	43		23
26	20	76	103	73	0	0			192	114	42		26
27	21	76	91	72	0	0			190	120	31		27
28	21	76	91	76	0	0			185	120	0		28
29	22	68	91	75	0	0			180	121	0		29
30	24	63	85	65	0	0			174	120	0		30
21	24		81	65	0	0				125			21
MEAN													MEAN
MAX.	24	77	169	93	163	13			203	196	125		MAX.
MIN.	7	23	79	28	0	0			0	105	0		MIN.
AC. FT.	988	2575	7277	3757	3130	36			9017	9017	2632		AC. FT.

Total Acre-Feet 38429

Table B-4 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LOWER KAWEAH BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	180	20	30	48	0			0	204	152		1
2	0	157	23	33	45	0			0	203	131		2
3	0	134	27	33	45	2			0	204	86		3
4	0	99	24	24	42	3			0	203	53		4
5	0	62	26	51	22	5			0	189	62		5
6	0	37	22	40	15	2			0	185	66		6
7	0	24	19	35	7	1			0	182	66		7
8	0	22	19	36	0	3			0	176	63		8
9	0	21	18	36	0	3			0	176	54		9
10	0	19	19	36	0	5			0	179	55		10
11	0	16	21	33	0	2			0	175	57		11
12	0	18	27	30	0	1	N	N	0	172	50	N	12
13	0	22	20	33	0	0	O	O	0	172	52	O	13
14	0	27	17	33	0	0			0	175	54		14
15	0	27	19	33	0	0			0	180	52		15
16	0	29	22	32	0	0	F	F	0	193	52	F	16
17	0	34	24	32	0	0	L	L	0	198	55	L	17
18	0	34	26	34	0	0	O	O	0	197	58	O	18
19	0	31	24	40	0	0	W	W	0	198	59	W	19
20	0	27	23	40	0	0			40	198	31		20
21	75	26	24	41	0	0			140	196	0		21
22	113	26	24	45	0	0			151	196	0		22
23	118	26	23	46	0	0			143	192	0		23
24	120	27	24	45	2	0			160	188	0		24
25	118	25	24	47	1	0			183	185	0		25
26	107	22	22	50	1	0			195	180	0		26
27	129	22	24	47	0	0			204	174	0		27
28	165	22	26	47	0	0			204	175	0		28
29	180	22	24	46	0	0			201	172	0		29
30	193	21	24	46	0	0			205	170	0		30
31	193		28	47	0	0				170	0		31
MEAN													MEAN
MAX.	193	180	28	51	48	5			205	204	152		MAX.
MIN.	0	16	17	24	0	0			0	170	0		MIN.
AC. FT.	2997	2497	1402	2382	452	54			3622	11419	2594		AC. FT.

Total Acre-Feet 27419

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LOWER KAWEAH BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	479	68	503	458	605	838	775	766	405	1
2			0	464	70	481	496	589	838	770	757	426	2
3			0	287	68	481	537	584	820	770	757	415	3
4			0	84	63	709	573	581	824	761	766	419	4
5			0	58	63	455	585	581	833	748	766	359	5
6			0	55	95	415	585	581	838	761	766	312	6
7			0	52	162	613	549	581	842	757	770	331	7
8			0	48	240	654	531	593	851	735	786	331	8
9			0	51	779	654	533	638	861	735	795	334	9
10			0	80	926	642	565	683	856	739	802	334	10
11			0	102	422	650	589	679	851	731	797	354	11
12	N	N	0	138	240	646	585	701	851	713	797	361	12
13	O	O	0	105	503	638	597	696	851	709	802	347	13
14			0	72	381	633	597	692	893	709	802	322	14
15			0	130	481	642	617	692	955	735	728	309	15
16	F	F	0	238	503	642	667	696	950	753	675	296	16
17	L	L	0	492	545	609	613	718	931	753	675	293	17
18	O	O	0	466	541	585	617	713	926	748	679	293	18
19	W	W	0	477	545	577	617	713	941	757	692	296	19
20			0	464	545	573	625	722	945	784	589	302	20
21			0	518	553	577	638	718	941	793	477	293	21
22			0	499	522	518	638	739	941	793	484	275	22
23			0	287	531	503	633	770	945	788	492	266	23
24			0	91	573	565	629	802	945	793	492	263	24
25			0	77	569	549	638	833	941	802	522	269	25
26			0	65	565	533	629	842	941	806	503	272	26
27			20	63	549	561	621	838	907	806	477	275	27
28			211	59	531	585	613	829	879	784	484	275	28
29			338	59	59	585	609	829	865	761	488	263	29
30			481	58	58	593	613	829	824	766	484	260	30
31			466	67	67	650		833		770	466		31
MEAN													MEAN
MAX.			481	518	926	709	667	842	955	806	802	426	MAX.
MIN.			0	48	63	415	458	581	820	709	466	260	MIN.
AC. FT.			3007	12268	23074	35745	35300	43439	52809	46821	40336	18942	AC. FT.

Total Acre-Feet 311741

Table B-4 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		LOWER KAWEAH BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	260	226	22	57	61	143	70	388	692	396	629	21	1
2	260	223	22	48	112	107	68	401	688	430	633	19	2
3	269	228	22	46	162	73	125	408	569	477	637	17	3
4	281	234	21	46	160	73	160	405	469	507	613	17	4
5	281	234	22	46	155	93	160	405	430	511	625	16	5
6	275	234	22	46	182	118	214	412	466	541	523	12	6
7	284	206	22	46	228	112	240	412	585	553	585	12	7
8	281	190	22	48	242	107	248	361	589	549	553	13	8
9	281	190	22	48	254	101	248	312	577	537	455	14	9
10	290	190	22	53	269	101	260	287	593	617	401	13	10
11	290	131	22	56	254	99	263	257	605	701	388	13	11
12	290	11	20	56	116	99	263	254	662	683	377	13	12
13	290	11	20	50	50	97	278	257	718	667	367	12	13
14	290	11	20	50	65	99	290	260	744	654	351	13	14
15	290	11	22	148	109	114	284	266	775	657	290	12	15
16	290	11	22	299	182	127	278	278	784	638	122	10	16
17	290	11	22	296	226	95	284	293	793	633	72	9	17
18	290	10	24	281	226	125	312	306	788	667	57	8	18
19	290	10	18	248	226	125	327	299	775	679	33	11	19
20	290	10	83	206	220	109	351	296	722	692	28	10	20
21	287	11	87	204	231	127	377	299	662	701	26	8	21
22	275	11	83	148	226	131	377	388	605	709	24	8	22
23	266	11	66	70	204	112	388	561	605	709	26	7	23
24	263	12	65	89	193	120	281	650	593	709	22	7	24
25	148	10	65	49	226	116	391	646	557	683	23	14	25
26	20	10	65	51	251	89	412	650	492	650	24	13	26
27	24	9	65	48	245	93	394	560	466	638	29	11	27
28	22	12	65	48	180	125	384	675	444	654	31	9	28
29	22	23	65	47	122	122	384	709	412	654	22	9	29
30	145	21	65	45	83	83	384	709	384	638	20	13	30
31	234		65	51		72		705		625	19		31
MEAN	290	234	87	299	269	147	412	709	793	709	637	21	MEAN
MAX.	20	9	20	45	61	72	68	254	384	396	19	7	MAX.
MIN.	14614	4983	2535	5998	10423	6559	16850	26180	36268	38002	15878	722	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 179012

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		LOWER KAWEAH BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	11	0	50	70	565	960	440	511	541	829	617	419	1
2	11	0	50	83	565	965	437	481	545	820	609	373	2
3	9	0	50	112	565	984	433	451	549	770	613	396	3
4	6	0	45	117	565	898	433	451	541	726	631	422	4
5	5	0	34	122	565	879	466	451	569	675	683	444	5
6	9	0	34	122	565	936	484	451	589	625	709	458	6
7	11	0	34	119	565	907	462	481	585	654	683	507	7
8	7	0	34	120	565	884	444	514	593	692	650	533	8
9	2	0	35	122	561	865	426	522	605	696	625	533	9
10	1	0	32	150	557	857	430	531	662	692	621	565	10
11	2	0	32	228	569	815	401	525	731	709	621	583	11
12	4	0	31	344	581	667	364	514	753	726	617	571	12
13	4	0	31	251	585	440	367	514	779	731	642	537	13
14	5	0	29	293	601	455	371	511	784	753	709	532	14
15	7	23	27	384	633	447	377	507	788	770	748	516	15
16	8	27	28	581	565	447	374	514	793	779	744	503	16
17	5	24	29	609	469	462	371	525	795	811	744	211	17
18	4	22	36	650	401	481	514	531	797	802	731	26	18
19	3	19	24	638	405	477	679	531	802	784	709	19	19
20	5	15	24	609	671	473	705	545	802	788	690	9	20
21	7	19	25	589	1149	463	709	561	800	766	671	7	21
22	5	22	29	581	1063	451	692	561	806	718	657	6	22
23	3	22	29	585	1103	447	654	557	811	690	650	7	23
24	2	22	30	589	1078	469	613	557	806	679	650	4	24
25	0	23	31	589	955	511	553	561	824	692	625	4	25
26	4	33	42	581	903	473	499	557	847	707	573	3	26
27	0	63	40	577	907	422	477	541	856	707	532	7	27
28	0	70	47	573	941	437	477	533	856	675	505	14	28
29	0	63	66	561	960	440	511	537	879	623	496	17	29
30	0	48	66	557	557	440	522	541	870	613	486	13	30
31	0		66	561		440		541		633	473		31
MEAN	11	70	66	650	1149	984	709	561	879	829	748	583	MEAN
MAX.	0	0	24	70	401	422	364	451	541	613	473	3	MAX.
MIN.	278	1022	2301	23935	40013	38266	29128	31950	43554	44301	39103	16342	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 310193

Table B-5

DEEP CREEK

Point of Diversion: 6.6 miles below McKay Point on the south bank of Lower Kaweah River in the SW 1/4, Section 22, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 500 cfs.

Location: Prior to 1925, 700 yards below head of creek in the SE 1/4, Section 21, T18S, R26E, MDB&M. Since 1925, 100 yards below head of creek in same section.

Gage: Open-channel section, staff gage and water-stage recorder rated frequently by current meter measurements from a footbridge.

Operating Agencies: Farmers Ditch Company and Tulare Irrigation District.

Gross Service Areas: Farmers Ditch Company, 12,500 acres; Tulare Irrigation District, 75,350 acres.

Period of Record: Intermittent from April 7, 1917 to July 31, 1918 and from October 1, 1919 to April 19, 1920; continuous from April 19, 1920 to current year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN MAX. MIN. AC. FT.													MEAN MAX. MIN. AC. FT.

Total Acre-Feet 0

Table B-5 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	49											1
2	0	46											2
3	0	46											3
4	0	30											4
5	0	36											5
6	0	0											6
7	0	0											7
8	0	0											8
9	0	0											9
10	0	0											10
11	0	0											11
12	0	0	N	N	N	N	N	N	N	N	N	N	12
13	0	0	O	O	O	O	O	O	O	O	O	O	13
14	0	0											14
15	0	0											15
16	0	0	F	F	F	F	F	F	F	F	F	F	16
17	0	0	L	L	L	L	L	L	L	L	L	L	17
18	0	0	O	O	O	O	O	O	O	O	O	O	18
19	0	0	W	W	W	W	W	W	W	W	W	W	19
20	0	0											20
21	0	0											21
22	0	0											22
23	0	0											23
24	0	0											24
25	0	0											25
26	0	0											26
27	0	0											27
28	0	0											28
29	18	0											29
30	50	0											30
31	53												31
MEAN													MEAN
MAX.	53	49											MAX.
MIN.	0	0											MIN.
AC. FT.	240	410											AC. FT.

Total Acre-Feet 650

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	146	0	160	116	154	235	219	202	0	1
2			0	138	0	134	124	152	235	205	199	0	2
3			0	85	0	136	138	163	234	209	205	0	3
4			0	0	0	221	148	174	235	212	213	0	4
5			0	0	0	145	152	175	235	219	214	0	5
6			0	0	0	127	157	176	234	226	214	0	6
7			0	0	39	187	157	176	235	223	213	174	7
8			0	0	45	167	145	172	240	219	213	174	8
9			0	0	61	171	147	183	269	220	208	175	9
10			0	0	126	167	153	194	269	220	212	175	10
11			0	33	136	168	165	187	268	219	209	174	11
12	N	N	0	68	73	166	163	194	268	213	206	170	12
13	O	O	0	66	137	166	166	193	270	209	212	173	13
14			0	62	105	163	167	193	271	204	208	172	14
15			0	67	140	163	170	192	272	204	206	166	15
16	F	F	0	92	149	165	178	197	271	201	208	160	16
17	L	L	0	176	163	165	151	202	276	202	209	159	17
18	O	O	0	166	160	165	150	203	266	209	205	156	18
19	W	W	0	159	162	163	150	203	270	215	209	144	19
20			0	148	165	162	152	205	271	213	127	144	20
21			0	165	165	163	156	207	269	213	0	146	21
22			0	160	165	143	156	204	269	213	0	148	22
23			0	114	170	139	156	208	271	213	0	147	23
24			0	14	183	154	156	210	271	212	0	142	24
25			0	0	181	145	159	220	271	215	0	144	25
26			0	0	179	139	157	225	271	213	0	144	26
27			0	0	185	150	156	231	234	206	0	147	27
28			62	0	185	151	153	229	219	199	0	147	28
29			107	0	151	151	153	228	227	204	0	146	29
30			143	0	152	152	154	233	231	205	0	143	30
31			133	0	170	170	170	235	231	205	0	143	31
MEAN													MEAN
MAX.			143	176	185	221	178	235	272	226	214	175	MAX.
MIN.			0	0	0	127	116	152	219	199	0	0	MIN.
AC. FT.			883	3687	6097	9755	9134	12135	15172	13010	8116	7478	AC. FT.

Total Acre-Feet 85467

Table B-5 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	142	131		0	0		0	153	166	170	179		1
2	142	130		0	0		0	162	162	173	175		2
3	143	131		0	0		61	170	163	170	178		3
4	147	133		0	0		111	169	166	165	179		4
5	148	134		0	0		106	169	175	162	178		5
6	147	134		0	36		102	170	177	160	181		6
7	146	135		0	82		106	170	178	161	184		7
8	148	136		0	88		109	159	172	161	174		8
9	147	136		0	76		110	157	165	160	90		9
10	149	136		0	68		106	146	173	168	0		10
11	151	127		0	72		106	137	173	168	0		11
12	151	0	N	0	72	N	106	131	170	164	0	N	12
13	151	0	O	0	0	O	107	131	170	163	0	O	13
14	151	0		0	0		107	133	176	165	0		14
15	152	0		46	37		106	131	183	156	0		15
16	152	0	F	88	75	F	105	137	177	157	0	F	16
17	160	0	L	80	76	L	103	132	179	153	0	L	17
18	165	0	O	80	77	O	106	133	182	161	0	O	18
19	165	0	W	62	79	W	106	132	177	168	0	W	19
20	165	0		36	77		111	131	174	184	0		20
21	165	0		36	83		126	133	177	179	0		21
22	165	0		18	83		126	161	174	182	0		22
23	164	0		0	72		127	177	182	181	0		23
24	159	0		0	72		97	175	170	180	0		24
25	144	0		0	71		127	174	169	177	0		25
26	107	0		0	72		135	175	168	170	0		26
27	107	0		0	81		135	177	172	168	0		27
28	107	0		0	52		133	175	170	179	0		28
29	107	0		0	0		133	170	172	188	0		29
30	124	0		0	0		133	167	172	184	0		30
31	130	0		0	0			166		179	0		31
MEAN													MEAN
MAX.	165	136		88	88		135	177	183	188	184		MAX.
MIN.	107	0		0	0		0	131	162	153	0		MIN.
AC. FT.	8928	2902		885	2977		6210	9527	10282	10425	3011		AC. FT.

Total Acre-Feet 55177

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	17	36	124	75	155	142	149	186	184	155	1
2		0	17	42	121	80	153	125	151	186	174	151	2
3		0	16	44	120	84	152	118	157	178	178	151	3
4		0	14	42	116	73	152	118	157	168	178	150	4
5		0	9	45	109	61	160	119	155	161	180	151	5
6		0	9	45	110	60	169	119	149	157	172	156	6
7		0	10	56	124	190	157	132	139	153	168	157	7
8		0	10	54	122	119	154	133	141	151	170	153	8
9		0	10	61	122	119	156	138	141	151	168	150	9
10		0	9	60	121	112	162	145	149	151	166	156	10
11		0	9	61	121	122	157	145	166	151	170	156	11
12	N	0	9	62	111	122	144	144	166	149	170	143	12
13	O	0	8	42	111	133	148	143	170	151	172	129	13
14		0	8	54	114	131	148	141	172	161	184	125	14
15		5	8	80	116	131	144	141	172	166	186	124	15
16	F	13	8	134	100	131	140	137	182	166	178	122	16
17	L	12	8	142	94	124	138	133	188	170	178	120	17
18	O	10	7	156	93	130	147	137	188	170	180	15	18
19	W	9	7	153	88	140	156	137	190	170	178	0	19
20		7	6	142	106	137	165	135	190	174	178	0	20
21		9	7	133	108	140	173	143	194	166	176	0	21
22		10	8	131	75	141	161	147	198	153	170	0	22
23		10	8	131	93	141	156	147	203	155	161	0	23
24		11	9	132	91	151	151	145	201	157	166	0	24
25		11	9	122	65	160	151	149	196	166	168	0	25
26		27	10	116	68	157	152	145	201	170	157	0	26
27		40	19	114	72	150	145	143	203	170	157	0	27
28		33	21	114	74	154	145	143	203	180	159	0	28
29		25	35	109	80	156	149	145	209	184	161	0	29
30		16	35	113	0	155	152	147	205	186	161	0	30
31			35	121	0	155	0	149	0	191	157	0	31
MEAN													MEAN
MAX.		40	35	156	124	160	173	149	209	191	186	52	MAX.
MIN.		0	6	36	68	60	138	118	139	149	157	0	MIN.
AC. FT.		492	783	5647	5889	7803	9108	8499	10483	10219	10522	4887	AC. FT.

Total Acre-Feet 74332

Table B-6

CROCKER CUT FOR TULARE IRRIGATION DISTRICT

Point of Diversion: 7.5 miles below McKay Point on the south bank of Lower Kaweah River in the SE 1/4, Section 21, T18S, R26E, M08&M.

Maximum Diversion Capacity: 600 cfs.

Location: 100 yards below head of cut in the SW 1/4, Section 21, T18S, R26E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of 20-foot Parshall flume in September 1954.

Operating Agency: Tulare Irrigation District.

Gross Service Area: 75,350 acres.

Period of Record: April 7, 1917 to May 30, 1918 and October 1, 1923 to current year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	9										1
2		0	16										2
3		0	10										3
4		0	15										4
5		0	15										5
6		0	13										6
7		0	13										7
8		0	12										8
9		0	9										9
10		0	8										10
11		0	7										11
12	N	0	7	N	N	N	N	N	N	N	N	N	12
13	O	0	7	O	O	O	O	O	O	O	O	O	13
14		8	7										14
15		16	6										15
16	F	17	7	F	F	F	F	F	F	F	F	F	16
17	L	18	7	L	L	L	L	L	L	L	L	L	17
18	O	14	7	O	O	O	O	O	O	O	O	O	18
19	W	10	7	W	W	W	W	W	W	W	W	W	19
20		9	7										20
21		10	6										21
22		10	6										22
23		11	6										23
24		11	6										24
25		11	6										25
26		10	6										26
27		10	6										27
28		12	6										28
29		9	6										29
30		8	0										30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.		18	16										MIN.
AC. FT.		385	482										AC. FT.

Total Acre-Feet 867

Table B-6 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Total Acre-Feet 0.0

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	225	0	260	237	299	160	320	367	295	1
2			0	225	0	271	250	293	170	330	367	293	2
3			0	131	0	267	267	273	170	332	363	289	3
4			0	43	0	394	279	281	170	322	358	295	4
5			0	28	0	309	285	293	168	318	360	248	5
6			0	23	0	246	277	293	167	322	360	91	6
7			0	23	0	332	264	293	208	313	367	0	7
8			0	21	0	350	244	301	225	311	369	0	8
9			0	22	219	345	246	311	233	324	363	0	9
10			0	25	515	335	260	326	230	330	363	0	10
11			0	22	318	337	277	333	225	320	365	0	11
12	N	N	0	21	248	332	275	337	223	315	367	0	12
13	O	O	C	19	285	324	279	337	223	320	371	0	13
14			0	17	238	318	281	328	221	324	365	0	14
15			0	17	244	318	283	324	219	320	363	0	15
16	F	F	0	64	242	318	330	320	215	318	371	0	16
17	L	L	0	144	252	330	315	318	209	313	371	0	17
18	O	O	0	134	248	328	313	307	206	305	378	0	18
19	W	W	0	151	244	326	313	305	206	315	375	0	19
20			0	149	240	326	315	305	206	365	373	0	20
21			0	171	238	337	318	295	206	369	371	0	21
22			0	164	238	301	315	281	206	369	371	0	22
23			0	102	250	267	313	206	197	371	380	0	23
24			0	18	299	303	313	177	195	367	380	0	24
25			0	10	337	301	318	168	192	360	398	0	25
26			0	10	337	291	313	167	190	360	396	0	26
27			0	9	289	289	309	167	254	360	369	0	27
28			0	9	258	301	305	165	324	369	363	0	28
29			81	0	295	295	301	165	348	369	380	0	29
30			223	0	295	295	301	162	322	363	373	0	30
31			215	0	311	311		162		365	341	0	31
MEAN			223	225	515	394	330	337	348	371	398	295	MEAN
MAX.			0	0	0	246	237	162	160	311	341	0	MAX.
MIN.			1029	3961	10987	19155	17249	16447	12869	20745	22727	2997	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 128166



Table B-6 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	41	5		0		248	10	294		1
2			0	0	30		0		244	46	295		2
3			0	0	79		0		76	91	297		3
4			0	0	79		0		0	124	281		4
5			0	0	77		0		0	130	287		5
6			0	0	71		33		32	170	267		6
7			0	0	68		86		154	182	242		7
8			0	0	81		88		158	182	269		8
9			0	0	84		89		142	182	269		9
10			0	0	80		99		162	258	252		10
11			0	0	47		104		178	350	235		11
12	N	N	0	0	8	N	104	N	219	350	223	N	12
13	O	O	0	0	0	O	109	O	256	348	213	O	13
14			0	0	0		111		269	343	198		14
15			0	25	0		105		271	352	133		15
16	F	F	0	116	0	F	102	F	271	343	53	F	16
17	L	L	0	135	0	L	99	L	273	341	14	L	17
18	O	O	0	124	0	O	107	O	256	348	10	O	18
19	W	W	0	108	0	W	105	W	240	343	10	W	19
20			44	83			102		217	348	0		20
21			49	80	0		102		180	352	0		21
22			50	35	0		102		176	352	0		22
23			44	0	0		104		182	354	0		23
24			43	0	0		76		185	346	0		24
25			43	0	0		101		142	307	0		25
26			43	0	0		104		91	283	0		26
27			43	0	0		99		71	275	0		27
28			43	0	0		99		52	273	0		28
29			43	0	0		99		20	273	0		29
30			43	0	0		99		4	275	0		30
31			43	0	0		0			287	0		31
MEAN			50	135	84		111		273	354	297		MEAN
MAX.			0	0	0		0		0	10	0		MAX.
MIN.			1053	1482	1406		4816		9459	16300	7621		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 42137

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	222	510	46	201	231	252	12	0	1
2				0	227	510	46	200	231	252	0	21	2
3				0	230	517	44	195	234	232	0	54	3
4				0	227	485	44	195	235	214	20	70	4
5				0	232	459	49	195	245	194	41	132	5
6				0	235	461	55	195	259	170	53	159	6
7				0	235	442	48	215	245	180	46	163	7
8				0	235	421	34	243	245	182	15	140	8
9				0	235	407	23	240	247	182	0	132	9
10				0	233	403	25	233	300	178	0	167	10
11				102	233	375	26	231	340	182	0	184	11
12	N	N	N	170	232	303	23	228	356	176	12	202	12
13	O	O	O	86	232	162	23	228	376	176	30	200	13
14				111	233	133	22	228	376	194	40	199	14
15				155	238	110	23	227	374	218	48	195	15
16	F	F	F	223	213	104	21	228	362	218	53	190	16
17	L	L	L	221	172	110	23	231	344	218	51	95	17
18	O	O	O	236	142	110	112	235	324	196	48	10	18
19	W	W	W	232	134	125	348	235	308	174	40	0	19
20				225	250	121	360	240	306	178	24	0	20
21				223	530	119	360	247	308	164	0	0	21
22				218	545	118	350	245	298	134	0	0	22
23				220	537	115	310	243	294	98	0	0	23
24				220	527	136	270	243	286	87	0	0	24
25				221	480	160	250	245	262	84	0	0	25
26				221	466	106	184	242	264	82	0	0	26
27				220	466	44	178	237	262	77	0	0	27
28				218	485	46	176	235	260	64	21	0	28
29				215	510	47	185	233	264	34	40	0	29
30				217	46	46	201	233	258	25	41	0	30
31				220	46	46		231		26	0	0	31
MEAN				236	545	517	360	247	376	252	53	202	MEAN
MAX.				0	134	44	21	195	231	25	0	0	MAX.
MIN.				8279	17725	14382	7654	13998	17264	9602	1260	4588	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 94752

Table B-7

TULARE IRRIGATION COMPANY CANAL

Point of Diversion: 8.5 miles below McKay Point on the south bank of Lower Kaweah River in the NE 1/4, Section 20, T18S, R26E, MUB&M.

Maximum Diversion Capacity: 140 cfs.

Location: 100 yards below head of canal in the NE 1/4, Section 20, T18S, R26E, MUB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of 10-foot Parshall flume in 1957.

Operating Agency: Tulare Irrigation Company.

Gross Service Area: 7,300 acres.

Period of Record: Continuous from May 1, 1917 to September 30, 1918; no record for water year ending September 30, 1919; intermittent during 1920 prior to April 13, but continuous after April 13 to September 30, 1921; no records from October 1, 1921 to September 30, 1923; continuous from October 1, 1923 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19b).

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	35			1
2									0	37			2
3									0	39			3
4									0	39			4
5									0	39			5
6									0	40			6
7									0	42			7
8									0	32			8
9									0	0			9
10									0	0			10
11									0	0			11
12	N	N	N	N	N	N	N	N	0	0	N	N	12
13	O	O	O	O	O	O	O	O	8	0	O	O	13
14									24	0			14
15									29	0			15
16	F	F	F	F	F	F	F	F	34	0	F	F	16
17	L	L	L	L	L	L	L	L	37	0	L	L	17
18	O	O	O	O	O	O	O	O	38	0	O	O	18
19	W	W	W	W	W	W	W	W	43	0	W	W	19
20									43	0			20
21									43	0			21
22									43	0			22
23									46	0			23
24									52	0			24
25									47	0			25
26									42	0			26
27									41	0			27
28									40	0			28
29									41	0			29
30									41	0			30
31									41	0			31
MEAN									52	42			MEAN
MAX.									0	0			MAX.
MIN.									0	0			MIN.
AC. FT.									1373	601			AC. FT.

Total Acre-Feet 1974

Table B-7 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	30											1
2	0	0											2
3	0	0											3
4	0	0											4
5	0	0											5
6	0	0											6
7	0	0											7
8	0	0											8
9	0	0											9
10	0	0											10
11	0	0											11
12	0	0	N	N	N	N	N	N	N	N	N	N	12
13	0	0	O	O	O	O	O	O	O	O	O	O	13
14	0	0											14
15	0	0											15
16	0	0	F	F	F	F	F	F	F	F	F	F	16
17	0	0	L	L	L	L	L	L	L	L	L	L	17
18	0	0	O	O	O	O	O	O	O	O	O	O	18
19	0	0	W	W	W	W	W	W	W	W	W	W	19
20	0	0											20
21	0	0											21
22	0	0											22
23	0	0											23
24	0	0											24
25	0	0											25
26	0	0											26
27	20	0											27
28	74	0											28
29	66	0											29
30	45	0											30
31	45												31
MEAN													MEAN
MAX.	74	30											MAX.
MIN.	0	0											MIN.
AC. FT.	496	60											AC. FT.

Total Acre-Feet 556

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	25	35	31	53	46	104	82	1
2				0	0	25	37	31	53	46	105	60	2
3				0	0	27	38	31	53	46	105	60	3
4				0	0	31	35	30	53	46	104	60	4
5				0	0	25	34	30	54	46	103	52	5
6				0	0	24	34	30	54	45	103	41	6
7				0	5	46	32	30	53	50	103	40	7
8				0	35	40	31	29	52	50	114	38	8
9				0	49	40	31	30	52	49	125	35	9
10				0	52	41	31	30	52	49	125	32	10
11				0	26	41	31	30	52	49	128	32	11
12	N	N	N	0	13	41	31	30	52	49	128	31	12
13	O	O	O	9	31	38	31	30	52	49	128	40	13
14				27	27	39	31	30	53	49	127	45	14
15				23	26	39	31	30	54	75	114	45	15
16	F	F	F	14	27	41	32	32	54	98	86	45	16
17	L	L	L	36	28	40	32	49	54	103	91	47	17
18	O	O	O	33	28	38	32	49	54	100	101	47	18
19	W	W	W	33	28	38	32	49	54	101	115	46	19
20				28	28	39	32	49	54	111	107	46	20
21				32	28	39	32	49	54	111	107	46	21
22				33	27	40	32	49	54	111	109	45	22
23				23	24	39	32	51	54	106	116	45	23
24				11	25	40	32	51	54	98	117	45	24
25				0	25	40	32	52	55	101	121	45	25
26				0	25	40	31	52	55	110	116	45	26
27				0	25	40	31	52	50	113	109	45	27
28				0	25	38	31	52	46	111	103	45	28
29				0		38	31	53	46	105	113	45	29
30				0		38	31	53	46	105	111	45	30
31				0		38	31	53		105	97		31
MEAN													MEAN
MAX.				36	52	46	38	53	55	113	128	82	MAX.
MIN.				0	0	24	31	29	46	45	86	31	MIN.
AC. FT.				599	1204	2277	1982	2473	3126	4826	6813	2727	AC. FT.

Total Acre-Feet 26027

Table B-7 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	45				0	7	28	23	30	66	63		1
2	45				0	7	27	31	30	65	67		2
3	45				0	0	16	30	30	65	65		3
4	45				0	0	6	27	31	65	66		4
5	45				0	0	11	23	31	65	65		5
6	45				0	0	21	23	30	64	62		6
7	45				0	0	18	23	30	64	62		7
8	45				0	0	21	23	30	64	68		8
9	45				0	0	23	23	30	63	70		9
10	45				0	0	24	15	30	61	67		10
11	45				0	0	14	6	30	62	67		11
12	45	N	N	N	0	0	11	0	30	62	66	N	12
13	45	O	O	O	0	0	11	0	31	64	66	O	13
14	45				0	0	11	0	31	66	65		14
15	45				0	0	11	0	29	67	66		15
16	45				0	0	11	0	29	66	59		16
17	45	F	F	F	0	0	11	0	29	66	0	F	17
18	45	L	L	L	0	0	11	0	43	67	0	L	18
19	45	O	O	O	0	0	11	0	65	67	0	O	19
20	45	W	W	W	0	0	11	0	64	66	0	W	20
21	45				0	0	11	0	64	65	0		21
22	45				0	0	11	0	63	64	0		22
23	43				0	0	11	12	63	65	0		23
24	40				0	0	11	30	64	65	0		24
25	34				24	0	11	30	64	66	0		25
26	7				36	0	11	30	61	67	0		26
27	6				33	8	12	30	69	67	0		27
28	6				23	15	14	30	66	65	0		28
29	8					15	14	30	66	65	0		29
30	9					25	14	30	66	64	0		30
31	.0					29		30	66	62	0		31
MEAN													MEAN
MAX.	45				36	29	28	31	69	67	70		MAX.
MIN.	0				0	0	6	0	29	61	0		MIN.
AC. FT.	2267				230	210	849	990	2636	3987	2071		AC. FT.

Total Acre-Feet 13240

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	40	37	26	39	39	41	70	45	1
2				0	40	39	7	39	39	41	70	0	2
3				0	40	39	25	39	38	41	70	0	3
4				0	40	37	40	39	38	40	70	0	4
5				0	40	37	40	39	38	40	70	0	5
6				0	40	37	40	38	39	38	70	0	6
7				0	40	37	40	38	40	59	70	14	7
8				0	40	36	40	40	40	86	70	76	8
9				0	40	36	40	40	40	87	70	86	9
10				0	40	39	40	40	40	84	72	101	10
11				0	40	40	39	40	41	86	75	101	11
12	N	N	N	0	40	40	39	40	41	89	78	101	12
13	O	O	O	0	40	35	39	40	38	93	78	103	13
14				10	40	37	39	40	38	84	77	101	14
15				37	40	37	40	40	38	69	77	90	15
16	F	F	F	39	40	37	40	41	37	68	76	75	16
17	L	L	L	39	39	36	40	41	40	68	73	0	17
18	O	O	O	40	37	39	39	41	40	70	73	0	18
19	W	W	W	40	36	40	39	41	40	69	75	0	19
20				39	40	40	39	40	40	70	75	0	20
21				39	40	40	39	40	40	72	75	0	21
22				39	40	40	39	39	40	70	75	0	22
23				39	40	40	39	39	40	70	75	0	23
24				39	40	40	39	37	40	70	75	0	24
25				40	40	39	40	37	40	70	76	0	25
26				40	39	40	40	37	40	71	76	0	26
27				40	37	40	40	39	40	71	76	0	27
28				40	37	41	39	39	40	72	76	0	28
29				40	37	41	39	39	40	70	76	0	29
30				40		41	39	39	40	70	76	0	30
31				40		41		39	40	70	76	0	31
MEAN													MEAN
MAX.				40	40	41	40	41	41	93	78	103	MAX.
MIN.				0	36	35	7	37	37	38	70	0	MIN.
AC. FT.				1349	2265	2376	2229	2418	2348	4161	4542	1771	AC. FT.

Total Acre-Feet 23459

Table B-8

FLEMING DITCH

Point of Diversion: 9.5 miles below McKay Point on the north bank of Lower Kaweah River in the NE 1/4, Section 19, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 26 cfs.

Location: 100 yards below head of canal in the NE 1/4, Section 19, T18S, R26E, MDB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of 5-foot Parshall flume in 1959.

Operating Agency: Fleming Ditch Company.

Gross Service Area: 1,700 acres.

Period of Record: Intermittent during 1917 and 1920; no record during 1919 and 1923; continuous from April 13, 1920 to September 30, 1922 and from October 1, 1923 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	6.2				0	9.6	16.0		1
2				0	6.2				0	9.9	15.9		2
3				0	6.2				0	9.9	18.2		3
4				0	6.5				0	9.9	20.0		4
5				0	6.5				0	9.9	19.9		5
6				0	6.9				.9	12.7	15.6		6
7				0	6.5				3.4	14.5	12.4		7
8				0	5.4				3.3	14.7	12.4		8
9				0	5.1				6.0	14.9	12.1		9
10				2.8	1.8				7.1	14.9	12.5		10
11				5.6	1.5				9.5	14.9	11.5		11
12	N	N	N	5.8	.7	N	N	N	11.4	15.0	11.9	N	12
13	O	O	O	5.8	.6	O	O	O	11.4	15.5	12.4	O	13
14				5.7	.8				11.5	15.6	12.5		14
15				5.6	1.2				12.0	15.5	10.9		15
16	F	F	F	3.5	1.3	F	F	F	12.4	10.6	11.6	F	16
17	L	L	L	0	1.2	L	L	L	11.9	6.7	11.8	L	17
18	O	O	O	0	1.0	O	O	O	12.0	6.5	12.0	O	18
19	W	W	W	0	.5	W	W	W	8.9	6.5	14.0	W	19
20				0	0				5.6	6.7	14.0		20
21				0	0				5.1	6.9	12.9		21
22				0	0				6.7	10.6	13.1		22
23				2.9	0				8.4	12.7	12.7		23
24				5.8	0				9.4	11.9	15.5		24
25				5.8	0				9.4	11.6	13.8		25
26				5.8	0				9.4	12.0	12.4		26
27				5.8	0				9.5	14.0	8.2		27
28				5.8	0				9.4	15.5	.4		28
29				5.8	0				9.3	16.0	0		29
30				5.9					9.4	16.0	0		30
31				6.2						16.0	0		31
MEAN				6.2	6.9				12.4	16.0	16.0		MEAN
MAX.				0	0				0	6.5	0		MAX.
MIN.				168	131				423	749	727		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2198

Table B-8 (Cont'd)

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0		0	3.0	Includes water released from			0	20.5	13.8		1
2		0		0	5.1	Ketchum Ditch storage and			0	18.8	18.0		2
3		2.7		0	5.1	diverted in the Lower Kaweah.			0	17.9	18.0		3
4		5.2		0	5.1				0	18.8	10.5		4
5		5.1		0	3.5				0	17.1	15.6		5
6		1.0		0	0				0	15.6	20.6		6
7		4.0		0	0				0	15.0	21.2		7
8		0		0	0				0	10.4	21.6		8
9		0		0	0				0	8.0	16.6		9
10		0		0	0				0	7.9	13.6		10
11		0		0	0				0	6.9	18.0		11
12	N	0	N	0	0	N	N	N	0	4.6	12.6	N	12
13	O	0	O	0	0	O	O	O	0	4.5	11.0	O	13
14		0		0	0				0	7.0	14.6		14
15		0		0	0				0	15.1	15.4		15
16	F	1.6	F	0	0	F	F	F	0	20.2	14.1	F	16
17	L	4.2	L	0	0	L	L	L	0	20.8	14.4	L	17
18	O	4.9	O	0	0	O	O	O	0	20.0	17.4	O	18
19	W	4.9	W	0	0	W	W	W	0	20.0	17.4	W	19
20		4.7		0	0				0	20.8	18.6		20
21		4.4		0	0				0	21.6	0		21
22		4.4		C	0				9.6	20.8	0		22
23		2.7		0	0				10.3	17.5	0		23
24		1.0		0	0				10.1	16.2	0		24
25		0		0	0				17.4	16.7	0		25
26		0		2.8	0				18.9	14.8	0		26
27		0		4.9	0				18.5	13.2	0		27
28		0		4.9	0				18.6	12.4	0		28
29		0		4.9	0				20.1	11.3	0		29
30		0		4.9	0				20.7	10.6	0		30
31		0		4.9	0					12.0	0		31
MEAN		5.2		4.9	5.1				20.7	21.6	21.6		MEAN
MAX.		0		0	0				0	4.5	0		MAX.
MIN.		101		54	43.2				286	906	641		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2420

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	5.6	8.4	5.6	6.9	11.6	22.0	16.0	16.3	1
2				0	5.8	8.0	5.6	6.9	12.7	21.9	16.0	17.5	2
3				0	6.0	7.1	6.0	6.9	12.7	21.3	16.9	15.8	3
4				0	5.6	7.3	6.9	6.9	12.1	20.9	19.1	15.8	4
5				0	5.6	5.6	7.3	6.9	11.9	20.9	19.4	15.5	5
6				2.8	5.8	4.9	7.3	6.9	11.9	20.2	19.4	13.5	6
7				6.2	5.8	5.1	7.3	6.9	11.4	21.2	19.4	12.4	7
8				6.0	5.4	5.8	7.5	6.9	11.1	20.9	19.4	12.9	8
9				6.1	6.5	6.0	7.5	6.9	10.9	20.2	19.7	12.1	9
10				6.7	5.4	6.0	6.7	7.1	10.9	18.8	20.0	10.9	10
11				6.7	1.3	6.0	6.9	8.9	11.4	13.5	20.3	10.9	11
12	N	N	N	6.0	.9	6.0	6.9	9.9	11.6	12.4	20.3	10.1	12
13	O	O	O	6.0	.9	6.0	6.9	9.9	12.1	12.4	19.1	10.1	13
14				5.6	1.3	6.0	6.9	9.9	12.7	14.6	17.5	9.9	14
15				5.8	2.4	6.0	6.9	9.9	13.5	16.6	16.9	9.9	15
16	F	F	F	6.6	3.3	6.0	6.9	10.6	14.0	16.9	15.8	9.9	16
17	L	L	L	7.7	3.4	5.8	6.9	11.1	14.3	16.0	15.5	9.9	17
18	O	O	O	7.7	2.8	5.4	7.1	11.4	14.9	16.6	15.2	9.9	18
19	W	W	W	5.9	2.7	5.4	7.1	11.4	15.2	16.3	16.0	9.9	19
20				4.3	2.1	5.4	7.1	11.4	15.2	17.8	16.3	9.9	20
21				4.1	1.8	5.6	7.1	11.4	15.2	19.4	16.3	9.9	21
22				3.6	1.6	5.6	7.1	11.4	15.2	17.5	16.3	9.9	22
23				3.2	1.5	5.4	7.1	11.1	15.2	17.5	16.6	9.6	23
24				3.3	5.2	5.4	7.1	10.9	21.3	19.1	16.9	9.6	24
25				4.9	10.6	5.6	7.1	10.9	23.3	20.3	17.8	9.4	25
26				5.1	10.6	5.6	7.1	11.1	23.3	20.6	18.1	9.4	26
27				5.7	10.3	5.6	7.1	10.9	20.2	20.3	16.6	9.4	27
28				5.6	8.7	5.6	7.1	10.9	21.2	19.4	16.0	9.4	28
29				5.4	5.6	5.6	6.9	10.9	23.2	16.0	16.6	9.4	29
30				5.4	5.6	5.6	6.9	10.6	23.3	16.3	16.6	9.4	30
31				5.4	5.8	5.8		10.3		16.3	15.5		31
MEAN				7.7	10.6	8.4	7.5	11.4	23.3	22.0	20.3	17.5	MEAN
MAX.				0	.9	4.9	5.6	6.9	10.9	12.4	15.2	9.4	MAX.
MIN.				281	256	364	412	583	900	1119	1074	671	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5660

Table B-8 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.4	5.4	Includes water released from Ketchum Ditch Storage and diverted in the Lower Kaweah.			0	3.6	11.4	16.6	19	16.3		1
2	9.4	5.4				0	3.6	11.4	16.6	19	17.2		2
3	9.1	5.4				0	4.1	11.4	16.6	17.5			3
4	9.1	5.4				0	3.1	11.6	17.2	12.9			4
5	9.1	5.4				0	3.1	11.6	17.8	9.6			5
6	9.1	5.4				0	4.5	11.6	20	9.4			6
7	9.1	5.3				0	3.6	11.6	15.5	9.1			7
8	9.1	5.1				0	3.8	11.6	17.8	9.1			8
9	9.1	5.1				0	4	11.6	18.4	8.9			9
10	9.4	5.1				0	5.2	11.4	15.2	8.4			10
11	9.4	4.9				0	5.6	11.4	15.2	8.4			11
12	9.4	4	N	N	N	0	5.8	11.6	17.8	8.9		N	12
13	9.4	3.4	O	O	O	0	6.2	11.6	15.8	9.9		O	13
14	9.4	3.4				0	6.9	11.9	15.8	9.6			14
15	9.4	3.4				0	7.3	12.1	15.8	9.9			15
16	9.4	3.1	F	F	F	0	7.3	12.4	16	9.9		F	16
17	9.1	3.1	L	L	L	0	7.3	12.7	16.3	9.4		L	17
18	8.7	2.5	O	O	O	0	7.5	12.9	16.3	11.6		O	18
19	8.7	2	W	W	W	0	8.4	12.9	18.1	14		W	19
20	8.7	2				0	8.7	12.9	17.5	13.8			20
21	8.7	0				0	10.6	13.2	19.1	12.7			21
22	8.4	0				0	11.4	14.9	21	12.4			22
23	8.4	0				0	11.6	18.1	22	13.5			23
24	8.2	0				0	11.9	16.3	22	14.9			24
25	7.7	0				0	12.4	16.3	22	16.6			25
26	5.2	0				0	12.4	16.3	23	16.9			26
27	5.1	0				2.8	12.1	16.6	25	16.3			27
28	5.1	0				4.5	11.4	16.6	25	15.8			28
29	5.1	0				4.9	11.4	16.6	25	15.8			29
30	5.1	0				4.3	11.4	15.5	23	15.8			30
31	5.4	0				3.8		17.8		15.2			31
MEAN													MEAN
MAX.	9.4	5.4				4.9	12.4	18.1	25	19	21		MAX.
MIN.	5.1	0				0	3.1	11.4	15.2	8.4	0		MIN.
AC. FT.	508	168				40	449	825	1118	782	521		AC. FT.

Total Acre-Feet 4411

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	8.9	14.3	10.3	19.9	10.6	14.3	1
2						0	11.0	14.3	10.3	17.0	12.8	11.6	2
3						0	11.9	12.1	9.9	18.0	19.0	9.9	3
4						0	12.9	11.1	9.9	22.5	21.2	9.6	4
5						0	14.9	11.1	9.6	23.2	22.0	8.9	5
6						0	15.2	11.4	9.4	22.2	22.0	8.7	6
7						0	14.0	11.4	10.1	21.6	22.0	8.9	7
8						0	12.7	10.9	10.6	24.4	19.0	8.9	8
9						0	12.4	12.7	12.7	23.5	13.8	9.1	9
10						0	12.1	16.3	17.2	20.1	13.0	4.2	10
11						0	11.9	16.0	17.2	17.0	13.0	3.7	11
12	N	N	N	N	N	0	11.6	16.0	16.7	16.8	13.2	9.1	12
13	O	O	O	O	O	0	11.3	16.0	18.4	17.0	12.4	10.4	13
14						0	11.1	14.0	22.2	17.3	13.2	8.2	14
15						0	11.9	11.1	22.2	16.0	16.3	7.3	15
16	F	F	F	F	F	0	12.4	10.6	22.5	15.7	16.9	6.9	16
17	L	L	L	L	L	0	12.4	10.9	18.8	16.3	16.9	6.7	17
18	O	O	O	O	O	0	12.1	10.9	19.4	17.5	17.2	2.5	18
19	W	W	W	W	W	5.4	11.4	10.9	19.9	17.5	17.2	1.3	19
20						5.1	12.4	10.9	20.4	17.5	19.1	1.3	20
21						6.3	12.7	11.1	21.2	17.5	21.8	1.3	21
22						7.3	14.6	14.6	21.9	20.6	22.4	0	22
23						7.3	16.0	16.0	18.5	24.6	16.9	0	23
24						7.3	16.0	15.8	15.5	24.9	16.3	0	24
25						6.2	14.9	15.8	16.2	23.1	15.8	0	25
26						7.7	13.5	15.8	18.9	21.5	13.8	0	26
27						8.4	13.2	12.4	19.8	21.5	9.9	0	27
28						8.4	12.4	10.3	20.1	21.5	9.9	0	28
29						8.2	12.9	10.3	20.4	20.0	14.0	0	29
30						8.2	14.9	10.6	21.0	10.9	16.0	0	30
31						8.2		10.6		13.0	15.5		31
MEAN													MEAN
MAX.						8.4	16.0	16.3	22.5	24.9	22.4	14.3	MAX.
MIN.						0	8.9	10.3	9.4	10.9	9.9	0	MIN.
AC. FT.						186	765	765	994	1190	998	303	AC. FT.

Total Acre-Feet 5222

Table B-9

PACKWOOD CREEK FROM LOWER KAWEAH

Point of Diversion: 11.25 miles below McKay Point at the point of bifurcation of the Lower Kaweah River into Packwood and Mill Creeks, in the NW 1/4, Section 25, T18S, R25E, M0B&M.

Maximum Diversion Capacity: 465 cfs.

Location: Prior to 1940, 1 mile below head of creek in the SE 1/4, Section 26, T18S, R25E, M0B&M. From 1940 to 1954, 0.75 mile below the head of creek in same section. After 1954, 100 yards below head of creek near the west line of the NW 1/4, Section 25, T18S, R25E, M0B&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of 15-foot Parshall flume in September 1954.

Operating Agencies: Packwood Canal Company through 1948; Tulare Irrigation District thereafter.

Gross Service Area: 15,000 acres.

Period of Record: Intermittent during the years ending September 30, 1919 and 1925; no record for the year ending September 30, 1923; continuous from October 1, 1917 to September 30, 1918, from October 1, 1919 to September 30, 1922, from October 1, 1923 to September 30, 1924, and from October 1, 1925 to current year.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	26	25	0		Includes Central Valley Project water February 20-25.						1
2		0	54	26	0								2
3		0	66	26	0								3
4		0	83	26	0								4
5		0	88	26	0								5
6		0	80	27	0								6
7		0	76	13	0								7
8		0	87	11	0								8
9		0	89	0	0								9
10		0	80	0	0								10
11		0	81	0	0								11
12	N	0	83	0	0	N	N	N	N	N	N	N	12
13	O	0	80	0	0	O	O	O	O	O	O	O	13
14		0	79	0	0								14
15		0	76	0	0								15
16	F	0	78	0	0	F	F	F	F	F	F	F	16
17	L	0	78	0	0	L	L	L	L	L	L	L	17
18	O	0	76	0	0	O	O	O	O	O	O	O	18
19	W	0	70	0	0	W	W	W	W	W	W	W	19
20		0	71	0	36								20
21		0	74	0	86								21
22		8	74	0	90								22
23		26	62	0	90								23
24		27	57	0	85								24
25		30	66	0	52								25
26		36	60	0	0								26
27		36	47	0	0								27
28		34	48	0	0								28
29		23	39	0	0								29
30		22	28	0	0								30
31			23	0	0								31
MEAN													MEAN
MAX.		36	89	27	90								MAX.
MIN.		0	23	0	0								MIN.
AC. FT.		480	4124	357	871								AC. FT.

Total Acre-Feet 5832



Table B-9 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	90	0	12	36	65	200	25		0	1
2			0	96	0	11	38	65	203	20		43	2
3			0	82	0	38	48	60	201	17		49	3
4			0	16	0	87	69	62	200	15		49	4
5			0	4	0	86	73	68	200	13		34	5
6			0	0	0	46	70	67	198	0		12	6
7			0	0	0	72	62	66	170	0		13	7
8			0	0	0	99	53	58	147	0		30	8
9			0	0	62	108	54	54	142	0		36	9
10			0	9	123	99	50	51	152	0		32	10
11	N	N	0	9	29	96	47	52	152	0	N	50	11
12	O	O	0	3	8	92	47	53	152	0	O	106	12
13			0	2	35	87	49	52	147	0		121	13
14			0	0	20	72	54	54	171	0		80	14
15			0	15	33	72	57	54	215	0		67	15
16	F	F	0	34	62	71	70	51	213	0	F	64	16
17	L	L	0	41	64	62	61	47	201	0	L	64	17
18	O	O	0	19	51	52	58	46	197	0	O	68	18
19	W	W	0	30	51	55	58	46	204	0	W	65	19
20			0	40	51	59	58	46	210	0		66	20
21			0	69	52	66	61	46	229	0		66	21
22			0	68	47	62	61	70	234	0		65	22
23			0	51	41	51	57	162	237	0		62	23
24			0	11	58	64	62	193	238	0		59	24
25			0	0	68	61	67	204	242	0		60	25
26			0	0	68	58	67	201	244	0		58	26
27			0	0	43	58	65	204	181	0		56	27
28			0	0	38	59	65	207	89	0		57	28
29			46	0	0	62	64	213	59	0		55	29
30			53	0	0	62	65	216	41	0		54	30
31			88	0	0	69		210		0			31
MEAN			88	96	123	108	73	216	244	25		121	MEAN
MAX.			0	0	0	11	36	46	41	0		0	MAX.
MIN.			371	1367	1991	4062	3463	6036	10848	179		3255	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 31572

Table B-9 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	54	54			0	15	0	21	68				1
2	54	65			11	29	0	13	64				2
3	51	58			47	12	0	9	64				3
4	51	51			47	12	0	8	72				4
5	54	52			46	6	0	9	60				5
6	51	53			34	0	0	9	29				6
7	36	34			19	0	0	9	11				7
8	28	0			7	0	0	0	44				8
9	29	0			0	0	0	0	55				9
10	30	0			0	0	0	0	46				10
11	32	0			0	0	0	0	45				11
12	41	0	N	N	0	0	0	0	51	N	N	N	12
13	51	0	O	O	0	0	0	0	69	O	O	O	13
14	55	0			0	0	0	0	72				14
15	55	0			0	0	0	0	85				15
16	68	0	F	F	15	0	0	0	99	F	F	F	16
17	77	0	L	L	72	0	0	0	100	L	L	L	17
18	60	0	O	O	72	0	0	0	100	O	O	O	18
19	52	0	W	W	72	0	0	0	56	W	W	W	19
20	52	0			57	0	0	0	45				20
21	52	0			49	0	0	0	0				21
22	51	0			51	0	0	0	30				22
23	49	0			38	0	0	51	0				23
24	46	0			27	0	0	16	0				24
25	38	0			36	0	0	11	0				25
26	6	0			53	0	0	12	0				26
27	6	0			51	0	0	13	0				27
28	0	0			26	14	0	28	0				28
29	0	0				19	0	64	0				29
30	0	0				0	12	75	0				30
31	25							68					31
MEAN													MEAN
MAX.	77	65			57	29	12	75	100				MAX.
MIN.	0	0			0	0	0	0	0				MIN.
AC. FT.	2487	728			1646	212	24	825	2537				AC. FT.

Total Acre-Feet 8459

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes	0	21	27	93	118	51	28	38	180	225	37	1
2	water from	0	23	30	112	119	78	32	38	168	223	17	2
3	Packwood	0	24	54	119	123		42	31	157	223	0	3
4	Canal	0	24	63	122	124	41	35	27	150	233	0	4
5	in Table B	0	14	68	124	137	38	33	34	147	244	0	5
6		0											6
7		0	11	67	125	139	38	38	22	148	241		7
8		0	8	68	128	134	36	38	29	160	237	0	8
9		0	8	76	119	119	35	39	30	173	230	0	9
10		0	8	76	123	104	35	45	28	170	228	0	10
11		0	8	66	125	111	35	41	26	160	228	0	11
12		0	6	52	125	120	36	40	27	163	205	0	12
13	N	0	6	76	125	101	34	37	31	175	184	0	13
14	O	0	5	51	125	41	32	36	39	184	187	0	14
15		0	6	54	125	55	31	36	41	188	198	0	15
16		0	5	52	124	58	34	36	41	192	200	0	16
17	F	0	5	78	121	54	34	35	51	200	200	0	17
18	L	0	3	78	109	58	38	34	76	222	200	0	18
19	O	0	3	87	19	57	37	36	92	240	195	0	19
20	W	0	1	89	8	47	31	35	119	237	181	0	20
21		0	1	80	50	40	40	35	123	238	173	0	21
22		0	3	71	160	34	39	35	128	237	175	0	22
23		0	9	73	219	33	35	38	128	231	173	0	23
24		0	10	73	209	32	43	44	125	238	173	0	24
25		0	10	75	184	30	45	36	135	228	173	0	25
26		0	10	68	147	25	41	35	166	228	157	0	26
27		0	11	65	125	33	40	35	186	243	125	0	27
28		0	11	66	127	35	34	35	186	244	95	0	28
29		0	9	66	123	36	32	31	183	248	34	0	29
30		20	24	64	120	39	30	34	187	210	8	0	30
31		19	26	60		39	28	37	190	213	24	0	31
MEAN													MEAN
MAX.		19	26	89	219	139	78	45	190	248	244	37	MAX.
MIN.		0	1	27	8	25	28	28	22	147	8	17	MIN.
AC. FT.		77	672	4032	7012	4429	2311	2229	5072	12296	10739	107	AC. FT.

Total Acre-Feet 48976

Table B-10

OAKES DITCH

Point of Diversion: 11.5 miles below McKay Point on the south bank of Mill Creek in the NW 1/4, Section 25, T18S, R2SE, M08&M.

Maximum Diversion Capacity: 30 cfs.

Location: Prior to April 1940, 0.5 mile below head of ditch in the SE 1/4, Section 26, T18S, R2SE, M08&M. From 1940 to 1958, near the center of Section 26. After 1958, 30 feet below the head of ditch near the east line of Section 26, T18S, R2SE, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to 1930. A Venturi meter installed in 1930 and destroyed in the flood of December 1937 has not been replaced. From April 1940 to the fall of 1958, measurements were made by means of a water-stage recorder located above a concrete weir. Since 1958, measurements have been made by means of a 5-foot Parshall flume.

Operating Agency: Oakes Ditch Company.

Gross Service Area: 1,200 acres.

Period of Record: Intermittent during 1917 and 1918; no records during the years ending September 30, 1919, 1923, 1938, and 1939; continuous from April 16, 1920 to September 30, 1922, from October 1, 1923 to September 30, 1937 and from April 18, 1940 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	5.1				0	10.3			1
2				0	5.4				0	11.7			2
3				0	5.1				0	10.7			3
4				0	5.6				0	10.6			4
5				0	4.1				0	10.9			5
6				0	3.3				0	11.7			6
7				0	2.7				5.5	12.1			7
8				0	1.7				7.3	12.1			8
9				0	0				7.6	10.3			9
10				0	0				7.5	8.4			10
11				0	0				8.7	6.7			11
12	N	N	N	0	0	N	N	N	8.7	6.5	N	N	12
13	O	O	O	3.1	0	O	O	O	10.9	6.9	O	O	13
14				3.8	0				10.7	7.2			14
15				3.6	0				11.9	6.7			15
16	F	F	F	4.7	0	F	F	F	13.2	5.1	F	F	16
17	L	L	L	5.3	0	L	L	L	11.9	4.3	L	L	17
18	O	O	O	5.3	0	O	O	O	11.7	6.7	O	O	18
19	W	W	W	4.9	0	W	W	W	11.5	7.7	W	W	19
20				4.1	0				11.4	8.2			20
21				4.5	0				11.4	10.9			21
22				4.3	0				11.4	12.1			22
23				4.3	0				11.1	9.4			23
24				4.1	0				10.9	9.6			24
25				4.1	0				11.9	11.9			25
26				5.8	0				12.7	8.1			26
27				4.5	0				13.0	0			27
28				5.0	0				12.1	0			28
29				5.9	0				10.1	0			29
30				4.5	0				8.9	0			30
31				4.7									31
MEAN				5.9	5.6				13.2	12.1			MEAN
MAX.				0	0				0	0			MAX.
MIN.				172.	65				500	470			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1207

Table B-10 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water released from Ketchum Ditch Storage and diverted in the Lower Kaweah.								0	8.9			1
2									0	9.1			2
3									0	9.1			3
4									0	7.8			4
5									0	6.7			5
6									0	6.7			6
7									0	6.2			7
8									0	4.7			8
9									0	5.2			9
10									0	6.9			10
11									0	7.1			11
12	N	N	N	N	N	N	N	N	0	3.3	N	N	12
13	O	O	O	O	O	O	O	O	0	3.9	O	O	13
14									0	6.0			14
15									0	7.2			15
16	F	F	F	F	F	F	F	F	0	9.0	F	F	16
17	L	L	L	L	L	L	L	L	0	11.4	L	L	17
18	O	O	O	O	O	O	O	O	0	11.6	O	O	18
19	W	W	W	W	W	W	W	W	0	12.0	W	W	19
20									0	11.5			20
21									0	11.4			21
22									0	10.9			22
23									3.8	8.7			23
24									6.7	8.7			24
25									10.1	8.7			25
26									10.3	7.7			26
27									10.9	7.5			27
28									11.1	8.9			28
29									11.6	9.4			29
30									11.1	10.3			30
31										6.9			31
MEAN									11.6	12.0			MEAN
MAX.									0	3.3			MAX.
MIN.									150	503			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 653

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	3.8	3.9	1.6	4.9	5.4	12.4	6.2	7.3	1
2				0	3.9	0	1.4	4.9	5.4	12.9	6.2	11.4	2
3				0	3.8	0	3.1	4.9	6.7	13.2	6.2	6.2	3
4				0	3.3	1.3	3.8	4.1	6.9	11.9	5.1	6.5	4
5				0	3.1	0	4.1	4.1	6.9	9.3	5.6	7.1	5
6				0	3.1	0	4.1	4.7	6.0	8.4	6.2	7.1	6
7				1.4	3.1	0	4.5	4.7	5.6	10.9	8.0	6.9	7
8				0	3.1	0	3.6	5.8	5.6	11.4	13.5	7.5	8
9				0	3.9	0	3.8	6.9	6.0	10.3	13.5	7.7	9
10				2.2	3.1	.5	3.8	7.5	6.9	9.1	14.0	7.7	10
11				4.7	2.0	.5	4.5	4.9	6.5	9.4	11.4	7.7	11
12	N	N	N	4.0	2.0	.5	4.1	8.7	6.2	10.1	8.0	6.9	12
13	O	O	O	4.2	2.4	.5	4.0	9.6	8.0	10.1	9.6	6.5	13
14				1.3	2.0	0	4.5	9.4	10.1	10.3	11.1	7.7	14
15				1.8	2.2	0	4.5	8.9	10.3	8.4	5.2	8.0	15
16	F	F	F	0	2.2	0	5.8	6.5	11.9	8.2	8.7	8.2	16
17	L	L	L	4.3	2.5	0	5.6	6.2	14.0	8.9	6.2	8.0	17
18	O	O	O	5.6	2.7	0	5.2	5.8	13.2	8.0	4.9	8.4	18
19	W	W	W	4.5	2.5	0	5.2	5.2	13.2	7.1	9.0	7.5	19
20				4.1	2.4	0	5.1	5.4	13.2	6.5	11.9	7.5	20
21				4.4	2.0	0	4.9	5.6	12.9	8.9	4.5	7.5	21
22				4.5	2.0	0	4.5	5.8	13.2	8.9	8.9	7.5	22
23				4.5	1.8	0	4.5	6.0	12.9	8.2	10.9	7.5	23
24				3.6	2.0	0	4.5	6.7	13.5	8.4	10.9	7.3	24
25				3.8	2.7	0	4.9	6.0	13.8	10.3	12.9	7.1	25
26				3.8	2.7	0	4.9	6.0	13.8	11.9	16.6	7.1	26
27				3.8	3.3	0	4.9	4.9	13.5	12.9	14.6	7.1	27
28				3.8	6.2	1.8	4.9	6.0	16.0	12.4	12.4	7.1	28
29				3.8		3.4	4.9	5.8	14.9	8.2	11.6	7.1	29
30				3.8		3.4	4.9	5.8	13.8	8.0	10.9	7.1	30
31				3.8		5.1		5.8		8.0	9.6		31
MEAN				5.6	6.2	5.1	5.8	9.6	16.0	13.2	16.6	11.4	MEAN
MAX.				0	1.8	0	1.4	4.1	5.4	6.5	4.5	6.2	MAX.
MIN.				162	158	41	258	372	608	601	584	445	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3229

Table B-10 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.1					0	1	5.4	11.9	6.5	4.9		1
2	6.9					0	1	5.4	11.6	7.7	4.7		2
3	7.1					0	1	6.5	11.4	12.7	5.4		3
4	7.1					0	0	6.5	11.6	12.4	4.7		4
5	7.1					0	0	8.4	10.9	12.7	4		5
6	7.3					0	1.3	10.1	10.1	12.9	4.9		6
7	7.7					0	1	10.3	12.7	11.6	2		7
8	8.2					0	1	10.1	9.6	9.9	2.5		8
9	8.2					0	1.5	10.1	12.4	6.2	2.2		9
10	8.2					0	4	10.9	10.3	4.1	1.3		10
11	8.4					0	3.1	12.1	10.6	5.8	1.6		11
12	8	N	N	N	N	0	2.8	12.7	10.3	6.5	1	N	12
13	6.7	O	O	O	O	0	4	12.7	10.9	3.6	1	O	13
14	5.8					0	4	12.7	10.9	2.2	0		14
15	5.6					0	3.8	13.2	10.3	4.1	0		15
16	5.1	F	F	F	F	0	3.8	12.4	11.6	4.3	1.4	F	16
17	3.6	L	L	L	L	0	4.5	10.6	11.6	5.6	1.3	L	17
18	4.1	O	O	O	O	0	6.2	12.1	11.4	7.5	2.1	O	18
19	4.7	W	W	W	W	0	6	12.4	8.2	7.5	0	W	19
20	4.7					1.5	5.4	12.1	8.4	5.6	0		20
21	4.7					6.9	5.1	12.1	9.1	7.1	0		21
22	4.7					7.5	5.1	8.9	9.1	8	0		22
23	4.3					5.8	4.9	9.1	7.5	8	0		23
24	0					5.8	1.3	11.9	7.1	8.4	0		24
25	0					4.7	2.8	12.4	7.7	9.4	0		25
26	0					3.9	5.2	12.4	8.9	11.6	0		26
27	0					1.6	5.4	12.4	8.2	9.9	0		27
28	0					1.5	4.7	12.1	6.9	9.9	0		28
29	0					1.6	4.9	12.1	6.5	12.1	0		29
30	0					1.4	4.9	11.9	6.5	10.3	0		30
31	0					1		12.1		6.5			31
MEAN													MEAN
MAX.	8.2					7.5	6.2	13.2	12.7	12.1	5.4		MAX.
MIN.	0					0	0	5.4	6.5	2.2	0		MIN.
AC. FT.	288					86	198	663	584	497	89		AC. FT.

Total Acre-Feet 2405

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	2.2	6.7	8.4	8.4	12.4	2.1	8.4	1
2					0	1.6	7.3	8.5	8.0	9.6	5.2	8.5	2
3					0	1.5	7.6	7.5	6.9	9.4	5.1	8.7	3
4					0	1.0	8.4	9.6	7.5	8.2	6.5	10.6	4
5					0	.8	11.1	10.6	7.5	7.7	10.9	1.0	5
6					0	.7	11.9	10.3	6.2	6.2	12.7	5.2	6
7					0	.7	11.9	10.4	7.5	5.1	13.5	6.0	7
8					0	.6	11.6	9.4	7.5	3.0	13.2	6.7	8
9					0	.5	11.9	9.4	7.6	3.1	10.6	7.3	9
10					0	.6	11.7	10.4	8.9	3.0	8.4	6.0	10
11					0	.6	11.4	10.3	8.9	2.8	10.1	6.7	11
12	N	N	N	N	1.9	.5	11.4	10.3	8.9	3.4	15.2	1.6	12
13	O	O	O	O	2.5	0	10.7	10.6	9.3	6.7	8.7	0	13
14					2.8	0	10.9	10.6	8.9	6.7	5.8	0	14
15					4.3		12.1	9.9	8.9	5.2	6.2	0	15
16	F	F	F	F	3.7	0	11.6	9.1	8.7	3.0	6.2	0	16
17	L	L	L	L	.5	2.5	10.3	9.9	8.4	2.7	6.0	0	17
18	O	O	O	O	0	3.8	10.7	10.3	8.4	5.8	6.5	0	18
19	W	W	W	W	.5	3.0	9.7	10.6	8.3	7.3	3.4	0	19
20					2.0	4.0	10.9	10.6	8.3	7.3	0	0	20
21					2.1	4.7	11.1	8.9	8.2	7.3	1.6	0	21
22					4.0	4.7	11.1	8.9	8.2	7.7	4.7	0	22
23					3.3	4.7	11.4	7.7	8.2	13.5	4.0	0	23
24					3.8	4.7	11.9	8.2	11.1	18.1	5.1	0	24
25					3.1	4.5	11.1	9.1	15.8	18.8	8.2	0	25
26					2.4	5.9	11.4	9.1	20.0	15.5	12.0	0	26
27					3.3	6.7	11.1	9.1	20.5	13.8	14.6	0	27
28					3.3	6.1	10.6	8.4	16.6	11.9	13.2	0	28
29					3.0	5.1	9.1	8.4	15.0	8.1	10.6	0	29
30						5.1	8.7	8.4	14.7	4.9	11.0	0	30
31						5.1		8.4		2.1	9.9		31
MEAN													MEAN
MAX.					4.3	6.7	12.1	10.6	20.5	18.8	14.6	10.6	MAX.
MIN.					0	0	6.7	7.5	6.2	2.1	0	0	MIN.
AC. FT.					92	162	629	578	598	477	498	152	AC. FT.

Total Acre-Feet 3186

Table B-11

EVANS DITCH

Point of Diversion: 13 miles below McKay Point on the south bank of Mill Creek in the SE 1/4, Section 27, T18S, R2SE, M0B&M.

Maximum Diversion Capacity: 72 cfs.

Location: 0.5 mile below head of ditch in SW 1/4, Section 27, T18S, R2SE, M0B&M.

Gage: A 10-foot-long concrete weir across the head of Evans Ditch and a staff gage and water-stage recorder above the weir. An accurate relationship has been established between water level at the recorder and flow over the weir.

Operating Agency: Evans Ditch Company.

Gross Service Area: 4,250 acres.

Period of Record: Intermittent during the years ending September 30, 1917 and 1918; no record during the year ending September 30, 1919; continuous from October 1, 1919 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Water from Central		0	21	0				0	40			1
2	Valley Project		0	22	0				0	39			2
2	February 21-25.		0	23	0				0	40			2
4			0	23	0				0	43			4
5			0	23	0				0	43			5
6			0	23	0				0	44			6
7			0	15	0				11	47			7
8			0	27	0				20	48			8
9			0	34					37	50			9
10			0	33					42	50			10
11			0	34	0				41	50			11
12	N	N	0	33	0	N	N	N	41	50	N	N	12
13	O	O	0	30	0	O	O	O	44	48	O	O	13
14			0	29	0				46	48			14
15			0	29	0				47	49			15
16	F	F	0	28	0	F	F	F	50	49	F	F	16
17	L	L	0	29	0	L	L	L	49	45	L	L	17
18	O	O	0	30	0	O	O	O	47	44	O	O	18
19	W	W	0	27	0	W	W	W	47	45	W	W	19
20			0	19	0				46	44			20
21			0	29	12				46	48			21
22			0	35	24				47	44			22
23			0	32	27				47	29			23
24			0	32	27				47	13			24
25			0	32	16				47	0			25
26			0	32	0				47	0			26
27			0	31	0				47	0			27
28			0	30	0				46	0			28
29			4	28	0				45	0			29
30			17	8					44	0			30
31			19	0						0			31
MEAN			19	35	27				50	50			MEAN
MAX.			0	0	0				0	0			MAX.
MIN.			79	1628	210				2045	2083			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 6045

Table B-11 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water released from Ketchum Ditch Storage and diverted in the Lower Kaweah.								0	41	26		1
2									0	39	12		2
3									0	39	6		3
4									0	40	0		4
5									0	39	0		5
6									0	39	0		6
7									0	39	0		7
8									0	38	0		8
9									0	37	0		9
10									0	36	0		10
11									0	35	0		11
12	N	N	N	N	N	N	N	N	0	0	0	N	12
13	O	O	O	O	O	O	O	O	0	0	0	O	13
14									0	0	0		14
15									0	0	0		15
16	F	F	F	F	F	F	F	F	0	0	0	F	16
17	L	L	L	L	L	L	L	L	0	0	0	L	17
18	O	O	O	O	O	O	O	O	0	0	0	O	18
19	W	W	W	W	W	W	W	W	0	35	0	W	19
20									0	31	0		20
21									0	31	0		21
22									0	31	0		22
23									10	32	0		23
24									14	34	0		24
25									19	35	0		25
26									24	36	0		26
27									32	35	0		27
28									36	28	0		28
29									38	28	0		29
30									41	32	0		30
31										33	0		31
MEAN									41	41	26		MEAN
MAX.									0	0	0		MAX.
MIN.									424	1672	87		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2183

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	25	39	32	44	43	40	40	0	1
2				0	29	35	32	42	44	40	40	0	2
3				0	35	32	34	44	40	40	40	0	3
4				0	34	32	35	47	40	40	40	0	4
5				0	33	26	36	46	40	39	40	0	5
6				0	31	23	36	46	40	38	39	9	6
7				0	25	28	37	44	43	39	39	28	7
8				0	22	30	37	39	47	38	39	35	8
9				0	25	31	37	47	47	37	40	36	9
10				0	24	31	37	47	49	38	42	36	10
11				0	27	33	37	41	48	40	42	36	11
12	N	N	N	0	19	34	37	41	54	40	42	34	12
13	O	O	O	0	27	33	37	41	55	40	42	31	13
14				0	33	35	37	42	53	40	42	31	14
15				0	33	36	37	60	55	41	35	32	15
16	F	F	F	0	33	36	38	44	55	41	0	31	16
17	L	L	L	0	34	34	41	43	55	41	0	31	17
18	O	O	O	16	35	31	47	44	56	41	0	31	18
19	W	W	W	25	34	31	47	44	56	40	0	22	19
20				25	34	31	48	44	57	38	0	22	20
21				25	34	28	48	44	55	40	0	22	21
22				24	35	28	48	44	50	43	0	23	22
23				24	35	30	48	43	44	42	0	23	23
24				18	34	30	48	46	44	43	0	22	24
25				26	34	31	51	44	47	46	0	22	25
26				25	33	31	51	43	48	46	0	23	26
27				25	34	32	48	42	46	43	0	26	27
28				25	36	34	46	42	44	40	0	27	28
29				26	34	34	46	42	43	40	0	28	29
30				25	35	35	46	40	41	40	0	28	30
31				26	35	35	37	37		40	0	28	31
MEAN				26	36	39	51	60	57	46	42	36	MEAN
MAX.				0	19	23	32	37	40	37	0	0	MAX.
MIN.				664	1720	1962	2458	2692	2854	2487	1194	1367	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 17398

Table B-II (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	28	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.		0	28	34	0	32	40	16	14		1
2	28		0	25	30	0	33	40	19	9			2
3	31		0	22	27	0	34	40	31	6			3
4	33		0	22	29	0	34	40	35	5			4
5	31		0	23	33	0	29	40	38	12			5
6	31			0	26	40	0	28	40	38	14		6
7	32			0	28	39	0	31	40	37	9		7
8	28			0	33	41	0	33	40	37	5		8
9	27			0	34	43	0	34	42	37	0		9
10	29			12	34	41	0	34	40	38	0		10
11	30			20	34	41	0	36	39	37	0		11
12	30	N	N	19	34	41	0	37	41	34	0	N	12
13	30	O	O	18	29	41	0	37	48	28	0	O	13
14	28			16	27	40	0	37	40	19	0		14
15	28			16	35	41	0	37	34	23	0		15
16	27	F	F	25	32	44	0	37	41	23	0	F	16
17	9	L	L	32	28	37	0	36	43	21	0	L	17
18	0	O	O	33	31	40	0	35	43	22	0	O	18
19	0	W	W	32	33	42	19	36	41	22	0	W	19
20	0			34	34	40	27	36	42	23	0		20
21	0			34	34	42	30	37	44	24	0		21
22	0			32	35	44	33	37	44	23	0		22
23	0			34	35	40	36	38	43	25	0		23
24	0			28	35	40	31	37	42	28	0		24
25	0			29	32	40	37	38	38	28	0		25
26	0			29	33	26	37	37	31	31	0		26
27	0			31	34	0	37	37	23	30	0		27
28	0			29	35	0	33	37	17	27	0		28
29	0			28	0	0	38	40	16	28	0		29
30	0			27	0	0	32	39	16	23	0		30
31	0			28	0	0		38		20	0		31
MEAN	33			34	35	44	38	40	48	38	14		MEAN
MAX.	0			0	22	0	0	28	16	16	0		MAX.
MIN.	952			1162	1716	1974	774	2184	2237	1716	147		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 12862

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	27	35	36	35	34	40	14	40	1
2				0	25	35	36	37	37	40	13	40	2
3				0	25	35	35	34	34	40	12	41	3
4				0	26	35	37	34	35	40	15	41	4
5				0	25	34	37	34	37	40	21	39	5
6				0	26	34	37	37	38	40	31	38	6
7				0	26	34	37	37	38	40	30	38	7
8				0	28	33	37	35	40	40	31	41	8
9				0	28	34	37	37	40	41	33	42	9
10				0	27	39	37	37	36	41	34	40	10
11				0	27	38	38	37	37	40	34	41	11
12	N	N	N	0	26	34	38	37	36	42	41	42	12
13	O	O	O	0	25	19	37	37	37	42	41	42	13
14				0	26	23	37	37	37	42	41	41	14
15				0	32	29	36	36	37	43	40	41	15
16	F	F	F	0	31	33	37	37	39	43	40	40	16
17	L	L	L	7	17	33	38	37	40	42	40	34	17
18	O	O	O	13	23	33	37	37	40	41	39	8	18
19	W	W	W	13	24	34	35	37	40	40	40	0	19
20				12	27	35	35	39	40	40	40	0	20
21				11	34	36	37	34	40	40	40	0	21
22				19	32	36	37	35	40	38	40	0	22
23				25	32	35	38	37	40	40	40	0	23
24				23	33	34	38	37	42	40	40	0	24
25				23	32	35	37	37	40	40	40	0	25
26				23	34	35	36	37	40	40	41	0	26
27				22	35	35	35	37	40	37	41	0	27
28				19	36	37	37	36	40	35	42	0	28
29				19	37	37	36	36	40	31	42	0	29
30				21	37	37	37	36	39	22	42	0	30
31				25	36	36	37	37	39	18	40	0	31
MEAN				25	37	39	38	39	42	43	42	42	MEAN
MAX.				0	17	19	35	34	34	18	12	0	MAX.
MIN.				545	1638	2087	2186	2235	2287	2376	2136	1367	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 16857



Table B-12

MILL CREEK (LOWER KAWEAH RIVER)

Point of Diversion: The first 40 cfs of flow measured at this station is diverted into Persian Ditch, which heads on the south bank of Mill Creek 5 miles below the gaging station and 19 miles below McKay Point in the SW 1/4, Section 26, T18S, R24E, M08&M.

Maximum Diversion Capacities: Mill Creek, 440 cfs. Persian Ditch, 80 cfs.

Location: On Mill Creek 14 miles below McKay Point in the SW 1/4, Section 27, T18S, R25E, M08&M.

Gage: A timber trapezoidal control section with staff gage and water-stage recorder, rated by frequent current meter measurements prior to installation of 15-foot Parshall flume in 1958.

Operating Agency: Persian Ditch Company.

Gross Service Area: 6,300 acres.

Period of Record: Intermittent during the years ending September 30, 1917 and 1918; no record during years ending September 30, 1919, 1923, and 1956; continuous from October 1, 1919, to September 30, 1922 and from October 1, 1923 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Water from Central		0	10	46				0	52	62		1
2	Valley Project		0	11	49				0	53	52		2
3	February 20-25.		0	10	49				0	51	0		3
4			0	10	56				0	53	0		4
5			0	9	60				0	50	0		5
6			0	10	70				0	50	0		6
7			0	8	61				30	58	0		7
8			0	11	32				33	61	0		8
9			0	20	34				46	64	0		9
10			0	13	52				61	62	0		10
11			0	16	15				55	63	0		11
12	N	N	0	15	0	N	N	N	50	68	0	N	12
13	O	O	0	10	0	O	O	O	47	68	0	O	13
14			0	9	0				45	64	0		14
15			0	8	0				41	62	0		15
16	F	F	0	8	0	F	F	F	50	65	0	F	16
17	L	L	0	9	0	L	L	L	52	57	0	L	17
18	O	O	0	9	0	O	O	O	60	50	0	O	18
19	W	W	0	7	0	W	W	W	59	53	0	W	19
20			0	7	3				55	49	0		20
21			0	9	22				54	46	0		21
22			0	31	11				54	57	0		22
23			0	35	12				51	72	0		23
24			0	33	17				53	65	0		24
25			0	33	18				54	59	0		25
26			0	32	0				56	60	0		26
27			6	28	0				55	61	0		27
28			6	28	0				50	60	0		28
29			8	37	0				51	59	0		29
30			8	31					51	57	0		30
31			9	43						62	0		31
MEAN													MEAN
MAX.			9	43	70				61	72	62		MAX.
MIN.			0	7	0				0	46	0		MIN.
AC. FT.			73	1091	1204				2406	3592	226		AC. FT.

Total Acre-Feet 8594

Table B-12 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY		
1	0	37		0	8	Includes water released from Ketchum Ditch Storage and diverted in the Lower Kaweah.			0	53	46		1		
2	0	45		0	9						0	56	38		2
3	0	39		0	7						0	59	32		3
4	0	35		0	5						0	61	0		4
5	0	22		0	0						0	55	0		5
6	0	37		0	0				0	49	0		6		
7	0	29		0	0				0	50	0		7		
8	0	18		0	0				0	46	0		8		
9	0	0		0	0				0	47	0		9		
10	0	0		0	0				0	51	0		10		
11	0	0		0	0				0	52	0		11		
12	0	0	N	0	0	N	N	N	0	50	0	N	12		
13	0	0	O	0	0	O	O	O	0	49	0	O	13		
14	0	0		0	0				0	46	0		14		
15	0	0		0	0				0	43	0		15		
16	0	0	F	0	0	F	F	F	0	44	0	F	16		
17	0	0	L	0	0	L	L	L	0	47	0	L	17		
18	0	0	O	0	0	O	O	O	0	49	0	O	18		
19	0	0	W	0	0	W	W	W	0	55	0	W	19		
20	0	0		4	0				0	57	0		20		
21	0	0		10	0				0	51	0		21		
22	0	0		9	0				28	53	0		22		
23	0	0		14	0				28	53	0		23		
24	0	0		15	0				26	52	0		24		
25	27	0		11	0				43	50	0		25		
26	45	0		9	0				49	47	0		26		
27	53	0		10	0				54	44	0		27		
28	32	0		9	0				52	51	0		28		
29	40	0		8	0				48	52	0		29		
30	37	0		8	0				52	43	0		30		
31	38	0		8	0				46	46	0		31		
MEAN													MEAN		
MAX.	53	45		15	9				54	61	46		MAX.		
MIN.	0	0		0	0				0	43	0		MIN.		
AC. FT.	540	520		228	58				754	3096	230		AC. FT.		

Total Acre-Feet 5426

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	0	31	68	59	112	150	101	78	0	1
2			0	0	25	75	66	115	138	109	77	0	2
3			0	5	26	49	81	126	131	111	74	0	3
4			0	0	26	77	87	90	135	112	69	0	4
5			0	13	20	34	95	82	135	101	70	0	5
6			0	5	24	6	95	82	137	97	70	54	6
7			0	3	29	27	95	82	137	101	68	137	7
8			0	3	34	44	84	102	135	94	68	131	8
9			0	3	74	52	85	115	139	86	74	120	9
10			0	6	43	65	88	127	159	86	80	124	10
11			0	9	20	77	94	139	160	89	78	126	11
12	N	N	0	5	21	81	94	144	163	89	80	82	12
13	O	O	0	5	41	91	98	145	173	91	82	46	13
14			0	5	32	92	97	144	180	98	79	37	14
15			0	2	43	92	94	144	191	104	60	45	15
16	F	F	0	1	39	93	116	144	193	99	25	48	16
17	L	L	0	22	76	73	104	140	200	101	22	45	17
18	O	O	0	39	87	34	101	143	201	98	19	42	18
19	W	W	0	49	90	38	104	144	198	89	17	74	19
20			0	41	90	37	102	147	193	74	14	78	20
21			0	44	92	45	105	145	170	73	13	73	21
22			0	40	88	42	106	143	163	69	10	55	22
23			0	32	63	31	110	144	160	66	8	52	23
24			0	16	55	44	107	170	155	72	5	49	24
25			0	35	46	58	111	190	153	82	0	50	25
26			0	29	46	65	111	190	148	86	0	51	26
27			0	28	63	66	109	181	133	101	0	52	27
28			0	26	55	80	109	178	124	99	0	51	28
29			0	26	84	84	109	178	116	80	0	47	29
30			5	25	86	86	112	164	111	85	0	46	30
31			15	26	94	94		142		86	0		31
MEAN													MEAN
MAX.			15	49	92	94	116	190	201	112	82	137	MAX.
MIN.			0	0	16	6	59	82	111	66	0	0	MIN.
AC. FT.			40	1077	2715	3769	5808	8513	9285	5611	2469	3402	AC. FT.

Total Acre-Feet 42680

Table B-12 (Cont'd)

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	46	56	15	21	51	106	35	66	103	56	16	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.	1
2	47	44	18	45	41	89	32	64	101	58	24		2
3	46	53	17	45	34	62	28	66	100	49	29		3
4	48	63	16	46	34	59	26	66	104	49	30		4
5	53	65	23	47	33	52	24	67	95	48	24		5
6	53	66	28	46	40	53	34	70	75	50	23		6
7	73	65	25	47	50	50	26	65	75	51	16		7
8	85	67	25	48	62	41	25	72	65	51	16		8
9	86	67	27	49	68	34	24	66	74	50	19		9
10	86	62	28	38	76	33	26	51	65	46	18		10
11	89	51	30	34	74	31	36	41	66	41	17	N	11
12	91	25	36	36	68	30	39	41	66	36	15		12
13	81	24	36	34	54	29	42	42	65	32	14		O
14	74	22	36	31	59	35	57	43	69	34	11	F L O W	14
15	74	19	40	36	71	41	60	46	75	44	9		15
16	57	18	44	55	70	51	60	54	82	41	15		16
17	50	17	44	55	69	31	61	62	82	33	15	17	
18	50	0	46	68	68	49	63	70	80	41	20	O	18
19	57	0	46	52	68	54	70	68	67	41	12	W	19
20	59	0	28	62	80	39	70	68	75	36	7		20
21	60	0	30	65	93	47	82	68	81	40	0		31
22	59	0	31	72	94	55	82	71	79	41	0	22	
23	55	0	24	69	89	46	82	103	71	41	0	23	
24	53	0	23	55	97	41	67	99	69	42	0	24	
25	47	0	23	50	84	43	90	110	74	48	0	25	
26	23	0	23	46	87	47	109	112	74	52	0	26	
27	90	0	23	48	88	56	94	117	69	45	0	27	
28	16	0	23	47	93	55	88	112	73	34	0	28	
29	15	0	22	46	62	62	87	99	78	34	0	29	
30	30	12	22	45	46	46	70	104	77	37	0	30	
31	85		22	47	38	38		105		23	0	31	
MEAN	90	67	46	72	97	106	109	117	104	58	30		MEAN
MAX.	15	0	15	21	33	29	24	41	65	23	0		MAX.
MIN.	3646	1579	1734	2918	3759	2985	3350	4538	4620	2626	694		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 32449

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	82	126	93	74	90	135	68	119	1
2				0	69	129	98	68	86	141	72	117	2
3				0	65	132	116	44	77	137	74	120	3
4				0	67	118	119	46	70	121	68	124	4
5				0	68	87	128	54	68	76	68	94	5
6				0	64	80	142	51	68	52	76	83	6
7				0	64	76	135	50	75	37	75	90	7
8				0	68	71	132	41	76	39	74	100	8
9				0	83	75	134	41	81	48	71	109	9
10				0	78	78	130	51	97	59	73	98	10
11				19	78	93	118	52	113	62	80	103	11
12	N	N	N	39	104	81	100	51	113	67	95	100	12
13	O	O	O	30	105	39	97	53	123	69	97	84	13
14				30	106	41	96	53	129	74	127	82	14
15				30	128	48	99	55	133	74	155	77	15
16	F	F	F	57	120	53	109	61	129	72	156	69	16
17	L	L	L	76	44	63	112	68	127	72	159	48	17
18	O	O	O	77	56	64	109	71	138	70	155	18	18
19	W	W	W	77	73	54	110	77	124	71	159	22	19
20				78	85	55	110	89	142	71	173	15	20
21				90	99	57	105	107	140	73	175	13	21
22				80	115	53	110	93	144	67	175	10	22
23				71	120	53	115	77	151	54	172	6	23
24				71	132	52	115	80	143	53	160	6	24
25				88	129	52	105	80	143	53	142	0	25
26				99	120	65	92	81	153	50	127	0	26
27				97	122	91	91	82	142	56	134	0	27
28				99	120	94	83	87	147	56	138	0	28
29				96	124	96	73	93	138	47	144	0	29
30				86		96	74	91	145	54	134	0	30
31				82		96		92		62	125	0	31
MEAN				99	132	132	143	107	153	141	175	124	MEAN
MAX.				0	44	39	73	41	68	37	68	0	MAX.
MIN.				2920	5332	4697	6446	4191	6952	4308	7341	3386	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 45573

Table B-13

PERSIAN DITCH AT MILL CREEK

Point of Diversion: In the SW 1/4, Section 26, T18S, R24E, MDB&M.

Maximum Diversion Capacity: 150 cfs.

Location: Approximately 200 feet below head of ditch.

Gage: Open-channel section with water-stage recorder and bridge for current meter measurements.

Operating Agencies: Persian and Watson Ditch Companies.

Gross Service Area: 6,300 acres.

Period of Record: 1960 to current year.

Remarks: Includes water from Ketchum Ditch (Table 8-19a).

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water for Watson Ditch.			0	36	5			0	44	49		1
2				0	39	5			0	49	43		2
3				0	39	0			0	42	0		3
4				0	48	0			0	45	0		4
5				0	56	0			0	40	0		5
6				0	61	0			0	40	0		6
7				0	40	0			8	50	0		7
8				0	27	0			24	47	0		8
9				0	32	0			37	55	0		9
10				0	37	0			56	55	0		10
11				0	21	0			54	51	0		11
12	N	N	N	0	2	0	N	N	49	57	0	N	12
13	O	O	O	0	0	0	O	O	47	58	0	O	13
14				0	5	0			41	53	0		14
15				0	0	0			36	53	0		15
16	F	F	F	0	0	0	F	F	47	50	0	F	16
17	L	L	L	0	0	0	L	L	45	42	0	L	17
18	O	O	O	0	0	0	O	O	60	33	0	O	18
19	W	W	W	0	0	0	W	W	58	39	0	W	19
20				0	0	0			53	35	0		20
21				7	21	0			50	32	0		21
22				22	8	0			50	43	0		22
23				36	8	0			44	62	0		23
24				27	18	0			48	52	0		24
25				27	17	0			50	45	0		25
26				26	0	0			48	48	0		26
27				23	0	0			55	45	0		27
28				23	0	0			47	43	0		28
29				28	8	0			44	42	0		29
30				29		0			43	44	0		30
31				33		0				43	0		31
MEAN				36	61	5			60	62	49		MEAN
MAX.				0	0	0			0	32	0		MAX.
MIN.				557	1037	20			2170	2850	182		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 6816

Table B-13 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	16	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.						0	45	32		1
2	0	26							0	47	25		2
3	0	22							0	49	15		3
4	0	19							0	52	0		4
5	0	10							0	51	0		5
6	0	0							0	43	0		6
7	0	0							0	44	0		7
8	0	0							0	41	0		8
9	0	0							0	40	0		9
10	0	0							0	42	0		10
11	0	0							0	44	0		11
12	0	0	N	N	N	N	N	N	0	43	0	N	12
13	0	0	O	O	O	O	O	O	0	43	0	O	13
14	0	0							0	41	0		14
15	0	0							0	36	0		15
16	0	0	F	F	F	F	F	F	0	35	0	F	16
17	0	0	L	L	L	L	L	L	0	40	0	L	17
18	0	0	O	O	O	O	O	O	0	41	0	O	18
19	0	0	W	W	W	W	W	W	0	41	0	W	19
20	0	0							0	50	0		20
21	0	0							0	42	0		21
22	0	0							0	42	0		22
23	0	0							11	43	0		23
24	0	0							23	41	0		24
25	11	0							36	38	0		25
26	20	0							43	37	0		26
27	24	0							47	31	0		27
28	14	0							46	36	0		28
29	18	0							44	43	0		29
30	16	0							46	29	0		30
31	17									30	0		31
MEAN													MEAN
MAX.	24	26							47	52	32		MAX.
MIN.	0	0							0	29	0		MIN.
AC. FT.	238	184							587	2539	143		AC. FT.

Total Acre-Feet 3691

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	23	34	6	24	94	85	70	0	1
2				0	21	49	6	25	92	90	71	0	2
3				0	24	37	10	29	91	92	69	0	3
4				0	12	31	23	21	90	94	64	0	4
5				0	16	18	21	23	91	92	65	0	5
6				0	18	0	38	35	91	89	64	53	6
7				0	9	4	22	36	90	88	64	80	7
8				0	18	13	17	41	91	89	71	76	8
9				0	77	20	23	45	89	86	74	67	9
10				0	56	26	24	45	87	75	79	70	10
11				0	8	34	28	46	85	76	79	70	11
12	N	N	N	0	15	36	28	46	85	75	78	51	12
13	O	O	O	0	14	40	30	46	87	79	81	46	13
14				0	4	42	25	49	93	77	81	37	14
15				0	14	43	21	49	93	81	73	44	15
16	F	F	F	0	22	44	30	48	94	80	2	46	16
17	L	L	L	2	42	35	36	52	96	80	0	45	17
18	O	O	O	4	49	9	22	58	97	80	0	43	18
19	W	W	W	15	50	14	23	58	98	76	0	55	19
20				18	52	2	23	59	96	63	0	61	20
21				20	54	15	24	58	96	60	0	60	21
22				21	54	1	24	67	95	61	0	50	22
23				21	38	0	27	71	96	56	0	50	23
24				12	37	2	25	83	95	61	0	50	24
25				22	31	25	33	86	94	76	0	54	25
26				25	32	31	30	86	95	74	0	53	26
27				21	35	25	25	83	90	83	0	55	27
28				22	33	35	25	87	91	87	0	54	28
29				21	36	25	25	89	92	61	0	50	29
30				21	38	28	28	91	91	66	0	46	30
31				22	54	54		93		68	0		31
MEAN													MEAN
MAX.				25	77	54	38	93	98	94	81	80	MAX.
MIN.				0	4	0	6	21	85	56	0	0	MIN.
AC. FT.				530	1702	1573	1432	3429	5484	4760	2152	2709	AC. FT.

Total Acre-Feet 23771

Table B-13 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	48	53	8	1	27	68	24	54	67	69	8		1
2	49	41	8	1	28	59	18	50	68	59	18		2
3	48	47	6	36	25	48	16	49	66	44	20		3
4	49	53	0	37	26	49	4	49	70	50	18		4
5	54	55	0	36	26	45	0	49	68	44	4		5
6													6
7	55	62	20	33	28	46	24	49	67	47	9		7
8	52	61	22	33	33	42	9	48	67	47	4		8
9	55	61	9	35	37	37	6	47	59	49	7		9
10	55	59	2	31	40	30	11	54	63	52	9		10
		58	1	31	43	28	18	48	61	45	12		11
11	56	55	1	28	43	27	27	31	65	37	16		12
12	57	22	1	26	42	29	32	31	62	34	7		13
13	54	0	1	29	37	23	34	30	61	30	13		14
14	49	0	1	31	38	29	37	33	67	31	3		15
15	49	0	0	30	48	32	37	34	73	42	3		16
16	43	0	1	40	54	43	36	41	74	39	13		17
17	30	0	3	41	51	25	37	47	73	25	3		18
18	46	0	13	40	52	38	37	56	71	41	4		19
19	50	0	23	38	52	48	40	55	58	43	2		20
20	51	0	10	42	56	40	39	53	60	35	0		21
21	38	0	8	43	60	41	47	54	70	40	0		22
22	44	0	17	43	60	45	46	53	64	38	0		23
23	49	0	22	46	55	47	57	67	62	36	0		24
24	46	0	21	40	57	42	56	64	58	37	0		25
25	48	0	21	38	56	44	60	67	62	41	0		26
26	10	0	18	29	57	45	73	67	66	46	0		27
27	0	0	11	25	58	57	70	69	63	39	0		28
28	0	0	9	24	58	59	65	69	65	26	0		29
29	0	0	7	23		54	64	67	70	25	0		30
30	0	0	5	23		45	55	66	71	34	0		31
31	72		3	31		39		68		16	0		31
MEAN													MEAN
MAX.	57	62	23	46	60	68	73	69	74	69	20		MAX.
MIN.	0	0	0	1	25	23	0	30	58	16	0		MIN.
AC. FT.	2602	1244	540	1952	2473	2586	2140	3211	3909	2462	343		AC. FT.

Total Acre-Feet 23462

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	43	60	57	54	54	76	68	71	1
2				0	37	61	55	53	52	76	72	69	2
3				0	35	62	63	38	46	76	75	74	3
4				0	40	55	68	36	44	73	72	78	4
5				0	35	47	69	42	44	68	64	63	5
6				0	28	49	58	39	42	58	76	54	6
7				0	30	38	58	39	46	42	76	56	7
8				0	34	37	59	34	47	42	76	61	8
9				0	41	38	66	37	48	51	73	70	9
10				0	39	39	68	50	60	62	74	63	10
11				0	40	44	66	48	71	63	75	65	11
12				0	52	15	63	43	71	65	30	65	12
13	N	N	N	0	53	4	61	44	73	66	25	65	13
14	O	O	O	0	55	2	61	45	73	74	67	67	14
15				0	66	2	63	46	74	77	69	59	15
16	F	F	F	1	51	2	69	49	73	74	66	39	16
17	L	L	L	26	5	2	70	55	67	76	66	35	17
18	O	O	O	19	7	2	68	55	76	75	69	10	18
19	W	W	W	12	30	2	61	55	71	75	68	14	19
20				14	37	2	68	60	73	75	75	0	20
21				22	51	3	69	64	74	72	75	0	21
22				15	51	23	71	63	74	69	75	0	22
23				5	53	38	73	56	78	55	74	0	23
24				4	56	40	73	57	78	51	74	0	24
25				22	59	40	70	59	75	50	68	0	25
26				41	58	61	64	59	76	48	69	0	26
27				41	58	70	63	58	75	55	71	0	27
28				46	58	58	54	58	75	58	73	0	28
29				44	59	58	46	57	76	46	78	0	29
30				41		58	52	55	77	52	76	0	30
31				41		56		55		60	74	0	31
MEAN													MEAN
MAX.				46	66	70	73	64	78	77	78	78	MAX.
MIN.				0	5	2	46	34	42	25	0	0	MIN.
AC. FT.				781	2501	2118	3781	3100	3894	3888	4251	2138	AC. FT.

Total Acre-Feet 26452

Table B-14

NORTH BRANCH PERSIAN DITCH

Point of Diversion: Near northeast corner of Section 34, T18S, R24E, MDB&M.

Maximum Diversion Capacity: 70 cfs.

Location: Approximately 100 feet west of main Persian Ditch.

Gage: Open-channel section with water-stage recorder and bridge for current meter measurements.

Operating Agency: Persian Ditch Company.

Gross Service Area: 3,300 acres.

Period of Record: 1960 to current year.

Criteria for Diversion: Arbitrary; all or part of the entitlement of Persian Ditch Company may be taken down this branch.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	9	2			0	18	23		1
2				0	11	0			0	22	18		2
3				0	14	0			0	20	0		3
4				0	21	0			0	19	0		4
5				0	22	0			0	16	0		5
6				0	23	0			0	18	0		6
7				0	12	0			2	21	0		7
8				0	4	0			14	19	0		8
9				0	6	0			23	27	0		9
10				0	9	0			29	30	0		10
11				0	1	0			22	28	0		11
12	N	N	N	0	0	0	N	N	23	28	0	N	12
13	O	O	O	0	0	0	O	O	20	28	0	O	13
14				0	1	0			22	21	0		14
15				0	0	0			17	27	0		15
16	F	F	F	0	0	0	F	F	22	24	0	F	16
17	L	L	L	0	0	0	L	L	17	20	0	L	17
18	O	O	O	0	0	0	O	O	22	15	0	O	18
19	W	W	W	0	0	0	W	W	21	17	0	W	19
20				0	0	0			16	14	0		20
21				0	8	0			16	15	0		21
22				0	2	0			16	20	0		22
23				0	2	0			14	26	0		23
24				0	2	0			19	21	0		24
25				0	1	0			19	18	0		25
26				0	0	0			18	21	0		26
27				0	0	0			19	22	0		27
28				0	0	0			19	24	0		28
29				3	2	0			24	24	0		29
30				4	0	0			18	22	0		30
31				7	0	0				21	0		31
MEAN				7	23	0			29	30	23		MEAN
MAX.				0	0	2			0	14	0		MAX.
MIN.				28	296	4			897	1321	81		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2629

Table B-14 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	0	14	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.											1
2	0	12							0	29	27		2	
3	0	10							0	29	22		3	
4	0	9							0	34	12		4	
5	0	5							0	34	0		5	
6	0	0							0	29	0		6	
7	0	0							0	26	0		7	
8	0	0							0	28	0		8	
9	0	0							0	24	0		9	
10	0	0							0	24	0		10	
11	0	0							0	25	0		11	
12	0	0	N	N	N	N	N	N	0	23	0	N	12	
13	0	0	O	O	O	O	O	O	0	17	0	O	13	
14	0	0							0	11	0		14	
15	0	0							0	8	0		15	
16	0	0	F	F	F	F	F	F	0	7	0	F	16	
17	0	0	L	L	L	L	L	L	0	4	0	L	17	
18	0	0	O	O	O	O	O	O	0	9	0	O	18	
19	0	0	W	W	W	W	W	W	0	24	0	W	19	
20	0	0							0	30	0		20	
21	0	0							0	24	0		21	
22	0	0							0	24	0		22	
23	0	0							3	26	0		23	
24	0	0							10	28	0		24	
25	9	0							20	26	0		25	
26	18	0							26	25	0		26	
27	22	0							30	23	0		27	
28	11	0							30	30	0		28	
29	15	0							26	33	0		29	
30	14	0							30	24	0		30	
31	14	0							30	24	0		31	
MEAN													MEAN	
MAX.	22	14							30	34	27		MAX.	
MIN.	0	0							0	4	0		MIN.	
AC. FT.	204	99							347	1440	121		AC. FT.	

Total Acre-Feet 1908

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	12	12	1	5	42	29	25	0	1
2				0	10	12	0	5	43	32	26	0	2
3				0	12	12	1	11	43	33	24	0	3
4				0	7	12	2	13	43	32	22	0	4
5				0	6	10	9	12	44	31	22	0	5
6				0	12	0	15	13	43	27	22	29	6
7				0	7	2	13	13	43	30	22	32	7
8				0	11	8	5	23	43	29	21	32	8
9				0	43	15	9	32	42	26	23	26	9
10				0	38	18	16	21	41	26	27	27	10
11				0	6	25	25	23	39	28	26	25	11
12	N	N	N	0	9	24	24	23	38	26	24	21	12
13	O	O	O	0	13	27	25	24	39	26	29	16	13
14				0	10	28	24	25	39	26	31	12	14
15				0	10	25	19	24	37	27	31	10	15
16	F	F	F	0	11	18	24	25	38	28	1	16	16
17	L	L	L	0	30	14	23	29	38	27	0	16	17
18	O	O	O	2	29	0	21	35	38	28	0	17	18
19	W	W	W	12	30	14	22	35	39	28	0	23	19
20				15	33	1	21	35	37	24	0	26	20
21				15	33	8	21	34	37	22	0	26	21
22				12	31	0	22	41	36	22	0	21	22
23				10	21	0	26	39	35	19	0	21	23
24				4	24	0	20	43	34	18	0	21	24
25				6	16	9	23	43	34	24	0	19	25
26				8	15	14	19	37	35	24	0	19	26
27				7	18	13	15	31	33	29	0	20	27
28				8	17	19	9	33	34	33	0	20	28
29				7		20	2	33	33	25	0	18	29
30				7		21	3	34	33	26	0	17	30
31				9		27		37		25	0		31
MEAN													MEAN
MAX.				15	43	28	26	43	43	33	31	32	MAX.
MIN.				0	7	0	0	5	33	18	0	0	MIN.
AC. FT.				242	1020	809	910	1648	2287	1646	746	1051	AC. FT.

Total Acre-Feet 10359



Table B-14 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	20	12	0	0	11	37	3	28	50	45	4	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.	1
2	21	13	0	0	11	33	1	25	50	37	0		2
3	18	19	0	27	8	28	1	25	50	27	0		3
4	17	23	0	31	8	25	1	25	52	27	0		4
5	21	23	0	28	8	24	0	25	52	28	0		5
6	22	26	0	24	10	23	0	26	49	28	0	6	
7	21	26	0	23	13	21	0	27	50	28	0	7	
8	22	26	0	25	17	17	0	26	49	28	0	8	
9	22	26	0	24	21	11	0	27	44	28	2	9	
10	22	25	0	17	22	11	0	30	43	24	10	10	
11	22	23	0	10	22	22	13	28	42	22	9	11	
12	22	14	0	5	25	24	19	28	47	18	11	N	12
13	22	0	0	10	23	22	15	28	48	17	9	O	13
14	18	0	0	16	24	25	18	28	48	10	2		14
15	18	0	0	10	28	19	15	28	48	30	2		15
16	16	0	0	23	30	25	16	28	48	31	9	F	16
17	11	0	0	23	28	20	16	28	48	28	3	L	17
18	5	0	0	24	29	17	17	33	52	29	3	O	18
19	3	0	1	22	28	12	19	35	44	34	0	W	19
20	3	0	0	25	29	8	26	36	43	32	0		20
21	1	0	0	26	33	15	22	40	44	29	0		21
22	0	0	0	26	34	14	23	41	41	27	0		22
23	1	0	3	25	31	16	32	46	36	20	0		23
24	2	0	1	14	31	16	28	42	31	21	0		24
25	3	0	1	13	31	18	34	47	30	24	0		25
26	0	0	0	8	31	19	41	47	29	28	0		26
27	0	0	0	6	31	23	37	46	39	24	0		27
28	0	0	0	6	31	21	34	42	42	18	0		28
29	0	0	0	6		19	33	43	45	15	0		29
30	0	0	0	9		12	29	40	45	15	0		30
31	19			10		7		35		14			31
MEAN	22	26	3	31	31	37	41	47	50	45	11		MEAN
MAX.	0	0	0	0	8	7	0	25	29	10	0		MAX.
MIN.	738	508	12	1023	1285	1198	978	2049	2656	1557	127		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 12131

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	26	32	18	34	32	26	24	26	1
2				0	22	33	17	23	27	26	26	26	2
3				0	20	37	27	23	22	26	28	28	3
4				0	23	32	37	22	20	26	26	29	4
5				0	21	30	40	25	18	26	22	23	5
6				0	16	27	26	28	17	23	26	20	6
7				0	16	21	27	31	20	11	27	21	7
8				0	17	20	28	23	20	10	27	24	8
9				0	20	21	35	22	20	14	26	28	9
10				0	20	21	37	31	24	19	25	24	10
11				0	22	25	37	26	27	24	25	27	11
12	N	N	N	0	29	17	33	25	25	23	20	27	12
13	O	O	O	0	29	0	32	27	26	24	11	26	13
14				0	29	0	32	29	26	23	23	26	14
15				0	36	0	31	27	26	23	24	22	15
16	F	F	F	0	31	0	35	30	26	22	23	15	16
17	L	L	L	11	10	0	37	35	28	22	23	13	17
18	O	O	O	35	1	0	33	35	29	21	25	10	18
19	W	W	W	30	7	0	28	36	26	25	24	12	19
20				12	19	0	34	35	30	24	25	0	20
21				32	18	0	37	33	30	23	26	0	21
22				27	22	7	38	33	31	25	27	0	22
23				1	21	9	38	30	32	23	27	0	23
24				1	24	11	40	30	32	23	27	0	24
25				13	35	8	38	30	28	21	24	0	25
26				24	33	18	36	31	28	21	24	0	26
27				24	33	27	34	31	28	18	25	0	27
28				28	32	19	34	33	27	25	27	0	28
29				27	32	19	33	33	27	18	28	0	29
30				25	29	19	35	34	27	20	27	0	30
31				25		19		31		21	25		31
MEAN				35	36	37	40	36	32	26	28	29	MEAN
MAX.				0	1	0	17	22	17	10	11	0	MAX.
MIN.				625	1317	936	1958	1817	1545	1341	1521	847	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 11907

Table B-15

WATSON DITCH

Point of Diversion: Prior to 1960, 13 miles below McKay Point on the south bank of Mill Creek in the SE 1/4, Section 27, T18S, R24E, MDB&M. After 1960, located 1,000 feet south of the northeast corner of the NW 1/4 of the SE 1/4, Section 34, T18S, R24E, M08&M.

Maximum Diversion Capacity: Prior to 1960, 72 cfs; after 1960, 60 cfs.

Location: Prior to 1960, 0.5 mile below head of ditch in SW 1/4, Section 27, T18S, R24E, M08&M. After 1960, station located in the SE 1/4, Section 34, T18S, R24E, M08&M.

Gage: Prior to 1960, a concrete weir consisting of two sections, each 10 feet in length, with the same crest elevations, one across the head of Evans Ditch and the other across the head of Watson Ditch, and a staff gage and water-stage recorder above the weir. Since 1960, an open-channel section has been used with staff gage and water-stage recorder rated by frequent current meter measurements.

Operating Agencies: Prior to 1960, Evans and Watson Ditch Companies; after 1960, Watson Ditch Company.

Gross Service Area: Prior to 1960, 3,925 acres; after 1960, approximately 3,800 acres.

Period of Record: Intermittent during the years ending September 30, 1917 and 1918; no record during the year ending September 30, 1919; continuous from February 23, 1920 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	9				0	18	16		1
2				0	10				0	18	16		2
3				0	11				0	18	5		3
4				0	12				0	18	0		4
5				0	13				0	16	0		5
6				0	13				0	16	0		6
7				0	9				1	18	0		7
8				0	7				1	18	0		8
9				0	7				4	18	0		9
10				0	4				10	18	0		10
11				0	0				12	19	0		11
12	N	N	N	0	0	N	N	N	13	18	0		12
13	O	O	O	0	0	O	O	O	13	18	0		13
14				0	0				8	18	0		14
15				0	0				7	18	0		15
16	F	F	F	0	0	F	F	F	12	17	0		16
17	L	L	L	0	0	L	L	L	15	17	0		17
18	O	O	O	0	0	O	O	O	17	16	0		18
19	W	W	W	0	0	W	W	W	18	17	0		19
20				0	0				19	16	0		20
21				0	0				19	16	0		21
22				4	0				18	16	0		22
23				11	0				18	18	0		23
24				11	0				18	18	0		24
25				11	0				18	16	0		25
26				11	0				17	14	0		26
27				9	0				18	15	0		27
28				9	0				16	15	0		28
29				10	0				16	15	0		29
30				9					17	15	0		30
31				10						15	0		31
MEAN				11	13				19	19	16		MEAN
MAX.				0	0				0	14	0		MAX.
MIN.				188	188				645	1037	73		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2131

Table B-15 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water released from Ketchum Ditch Storage and diverted in the Lower Kaveah.								0	15	4		1
2									0	16	2		2
3									0	14	1		3
4									0	15	0		4
5									0	19	0		5
6									0	15	0		6
7									0	13	0		7
8									0	13	0		8
9									0	14	0		9
10									0	15	0		10
11									0	15	0		11
12	N	N	N	N	N	N	N	N	0	18	0	N	12
13	O	O	O	O	O	O	O	O	0	24	0	O	13
14									0	28	0		14
15									0	26	0		15
16	F	F	F	F	F	F	F	F	0	25	0	F	16
17	L	L	L	L	L	L	L	L	0	29	0	L	17
18	O	O	O	O	O	O	O	O	0	26	0	O	18
19	W	W	W	W	W	W	W	W	0	14	0	W	19
20									0	16	0		20
21									0	16	0		21
22									0	15	0		22
23									3	15	0		23
24									7	12	0		24
25									10	10	0		25
26									13	10	0		26
27									14	5	0		27
28									14	3	0		28
29									13	7	0		29
30									14	3	0		30
31										3	0		31
MEAN									14	29	4		MEAN
MAX.									0	3	0		MAX.
MIN.									175	930	14		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1119

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	11	9	3	17	31	33	31	0	1
2				0	11	15	3	17	29	33	31	0	2
3				0	9	8	4	15	29	35	31	0	3
4				0	7	19	6	11	30	34	30	0	4
5				0	7	8	5	10	30	34	30	0	5
6				0	8	0	6	11	30	34	30	13	6
7				0	6	2	6	12	30	34	30	25	7
8				0	5	5	6	13	30	35	30	25	8
9				0	4	7	6	15	30	34	30	24	9
10				0	3	9	3	15	30	32	29	24	10
11				0	0	14	1	15	30	32	30	24	11
12	N	N	N	0	0	13	1	15	30	32	30	20	12
13	O	O	O	0	0	13	1	15	29	32	30	15	13
14				0	2	13	1	16	32	33	29	14	14
15				0	4	13	1	21	34	34	29	13	15
16	F	F	F	0	6	18	2	21	34	34	6	13	16
17	L	L	L	0	11	18	1	19	34	33	2	13	17
18	O	O	O	0	14	9	1	22	34	33	0	13	18
19	W	W	W	0	13	6	1	23	35	33	0	15	19
20				0	11	1	1	24	35	30	0	17	20
21				2	13	0	1	24	35	29	0	17	21
22				6	14	0	1	24	34	30	0	16	22
23				7	11	0	1	24	34	28	0	16	23
24				5	10	2	4	25	34	29	0	16	24
25				7	10	6	13	29	35	31	0	16	25
26				9	11	6	14	30	35	31	0	16	26
27				9	10	7	16	30	35	31	0	16	27
28				9	9	8	14	30	35	31	0	15	28
29				9	9	9	16	31	34	28	0	14	29
30				9	9	9	16	32	34	28	0	15	30
31				9	9	10	16	33		31	0		31
MEAN				9	14	19	16	33	35	35	31	25	MEAN
MAX.				0	0	0	1	10	29	28	0	0	MAX.
MIN.				161	436	510	307	1267	1926	1966	908	843	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 8324

Table B-15 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	15	14	Inclues	0	10	22	9	11	16	12	7		1
2	16	12	water	0	10	21	7	8	14	11	12		2
2	16	11	released	3	9	17	7	7	13	9	18		2
4	18	12	from	6	9	17	5	7	11	11	20		4
5	20	13	Ketchum	8	9	16	4	7	10	15	13		5
6	20	14	Ditch	8	11	15	7	7	10	15	12		6
7	20	15	storage	8	14	15	5	7	10	15	5		7
8	20	15	and	9	16	14	3	7	10	16	5		8
9	20	14	diverted	7	18	12	3	7	9	16	7		9
10	20	14	in the	7	19	11	3	8	8	16	7		10
			Lower										
			Kawah.										
11	20	13		5	19	11	5	5	8	15	7		11
12	21	8	N	4	18	11	6	5	7	15	7	N	12
13	18	5	O	5	16	11	6	4	7	13	0	O	13
14	17	4		7	14	11	7	5	7	11	0		14
15	16	3		8	16	11	7	5	9	13	0		15
16	15	0	F	8	18	11	7	6	10	13	0	F	16
17	14	0	L	9	18	11	7	8	10	11	0	L	17
18	17	0	O	10	18	11	7	11	11	12	0	O	18
19	18	0	W	10	19	11	7	13	10	13	0	W	19
20	18	0		10	19	11	7	13	10	12	0		20
21	16	0		10	21	11	7	13	13	12	0		21
22	17	0		11	20	12	7	12	12	12	0		22
22	18	0		11	20	10	13	12	12	12	0		22
24	16	0		12	19	10	12	12	12	13	0		24
25	17	0		12	19	10	13	12	12	13	0		25
26	5	0		10	19	11	16	12	14	13	0		26
27	0	0		9	20	13	16	12	12	13	0		27
28	0	0		9	20	13	14	13	10	13	0		28
29	0	0		9	9	13	14	13	11	13	0		29
30	0	0		9	9	11	11	13	11	13	0		30
31	16	0		10	11	11	15	15	10	10	0		31
MEAN													MEAN
MAX.	21	15		11	21	22	16	15	16	16	20		MAX.
MIN.	0	0		0	9	10	3	4	7	9	0		MIN.
AC. FT.	920	331		484	908	783	480	575	633	795	238		AC. FT.

Total Acre-Feet 6147

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	7	18	18	15	27	25	22	22	1
2				0	6	18	18	15	27	25	22	24	2
3				0	6	20	19	12	26	25	23	27	3
4				0	7	19	18	12	23	24	24	27	4
5				0	6	15	20	14	22	23	21	27	5
6				0	5	15	16	15	20	22	23	25	6
7				0	5	14	17	16	20	16	23	23	7
8				0	5	13	17	14	20	16	23	22	8
9				0	7	13	18	14	20	17	23	23	9
10				0	10	14	19	16	22	19	23	22	10
11				0	15	15	19	15	25	21	24	22	11
12	N	N	N	0	18	10	18	15	25	21	11	22	12
13	O	O	O	0	18	1	18	16	25	21	4	22	13
14				0	18	0	18	16	25	22	18	22	14
15				0	21	0	19	16	25	23	19	22	15
16	F	F	F	2	22	0	20	17	25	23	18	20	16
17	L	L	L	1	7	0	19	18	25	23	19	19	17
18	O	O	O	0	5	0	19	17	26	22	20	5	18
19	W	W	W	0	7	0	17	17	25	22	20	0	19
20				0	9	0	19	19	24	24	20	0	20
21				1	11	0	19	21	23	25	21	0	21
22				1	13	10	19	21	23	25	21	0	22
23				0	15	18	21	19	25	22	21	0	23
24				0	18	18	20	18	27	21	21	0	24
25				1	20	17	20	18	24	20	20	0	25
26				6	19	21	18	18	24	19	20	0	26
27				6	17	26	18	18	24	19	20	0	27
28				7	17	19	16	23	26	21	22	0	28
29				7	18	18	14	27	26	18	23	0	29
30				6	6	18	15	27	19	22	22	0	30
31				6	6	18	18	27	26	20	22	0	31
MEAN													MEAN
MAX.				7	22	26	21	27	27	25	24	27	MAX.
MIN.				0	5	0	14	12	20	16	4	0	MIN.
AC. FT.				87	698	730	1083	1083	1438	1315	1256	785	AC. FT.

Total Acre-Feet 8475

Table B-16

ELK BAYOU AT ROAD 96

Location: 1942-1953, 1 mile east of Elk Bayou Avenue, 3.6 miles below Highway 99. 1957 to current year, 5.8 miles south of Tulare and 0.8 mile west of Highway 99 in the SW 1/4, Section 36, T20S, R24E, MDB&M.

Period of Record: 1942-1953; 1957 to current year.

Remarks: Formerly published as Elk Bayou near Tulare.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		ELK BAYOU AT ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

No flow for the year.

Table B-16 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		ELK BAYOU AT ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

No flow for the year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		ELK BAYOU AT ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	42	98	36	0			1
2					0	0	15	94	29	0			2
3					0	0	3	92	29	0			3
4					0	118	1	84	25	0			4
5					0	482	1	79	27	1			5
6					0	339	25	99	20	5			6
7					0	174	104	102	10	1			7
8					0	83	135	95	1	0			8
9					0	47	76	88	1	0			9
10					356	33	21	88	0	0			10
11					445	23	5	89	0	0			11
12	N	N	N	N	197	15	5	93	0	0	N	N	12
13	O	O	O	O	127	7	2	95	0	0	O	O	13
14					124	6	0	94	0	0			14
15					54	4	0	95	0	0			15
16	F	F	F	F	15	3	12	95	0	0	F	F	16
17	L	L	L	L	0	3	78	92	0	0	L	L	17
18	O	O	O	O	0	6	21	90	0	0	O	O	18
19	W	W	W	W	0	4	0	88	0	0	W	W	19
20					0	26	0	87	1	0			20
21					0	14	29	88	5	0			21
22					0	33	64	92	1	0			22
23					0	47	66	89	0	0			23
24					0	17	59	81	0	0			24
25					0	3	61	77	0	0			25
26					0	1	93	78	0	0			26
27					0	0	82	81	0	0			27
28					0	0	82	78	0	0			28
29					0	0	92	70	0	0			29
30					0	0	94	64	0	0			30
31					0	0	0	57	0	0			31
MEAN					445	482	135	102	36	5			MEAN
MAX.					0	0	0	97	0	0			MAX.
MIN.					2614	2951	2515	5340	367	14			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13801

Table B-16 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		ELK BAYOU BELOW ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0							1
2						0							2
3						0							3
4						0							4
5						0							5
6						0							6
7						0							7
8						0							8
9						0							9
10						0							10
11						0							11
12	N	N	N	N	N	0	N	N	N	N	N	N	12
13	O	O	O	O	O	0	O	O	O	O	O	O	13
14						0							14
15						0							15
16	F	F	F	F	F	0	F	F	F	F	F	F	16
17	L	L	L	L	L	0	L	L	L	L	L	L	17
18	O	O	O	O	O	0	O	O	O	O	O	O	18
19	W	W	W	W	W	0	W	W	W	W	W	W	19
20						0							20
21						0							21
22						0							22
23						0							23
24						0							24
25						0							25
26						0							26
27						0							27
28						0							28
29						15							29
30						0							30
31						0							31
MEAN						15							MEAN
MAX.						0							MAX.
MIN.						30							MIN.
AC. FT.													AC. FT.

Total Acre-Feet 30

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		ELK BAYOU AT ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	15	264	0	17	4				1
2				0	16	258	0	23	10				2
3				0	17	273	0	21	11				3
4				0	13	302	0	17	0				4
5				0	4	258	0	18	0				5
6				0	4	318	1	13	0				6
7				0	4	409	12	4	0				7
8				0	3	303	1	2	0				8
9				0	3	263	0	2	14				9
10				0	3	246	0	2	10				10
11				0	2	285	1	2	8				11
12	N	N	N	0	2	269	2	4	0	N	N	N	12
13	O	O	O	0	1	167	2	2	0	O	O	O	13
14				0	0	79	1	0	0				14
15				0	0	77	0	0	0				15
16	F	F	F	0	1	80	0	0	0	F	F	F	16
17	L	L	L	60	44	64	0	0	0	L	L	L	17
18	O	O	O	85	66	49	0	0	0	O	O	O	18
19	W	W	W	169	57	34	0	0	0	W	W	W	19
20				91	303	10	0	0	0				20
21				79	357	0	12	0	0				21
22				76	297	1	3	0	0				22
23				76	267	2	0	0	0				23
24				75	372	0	0	0	0				24
25				75	387	0	0	0	0				25
26				75	324	0	2	0	0				26
27				75	312	0	13	0	0				27
28				64	306	0	18	0	0				28
29				44	270	0	14	5	0				29
30				23	0	0	18	3	0				30
31				11	0	0	0	5	0				31
MEAN				169	387	409	18	23	14				MEAN
MAX.				0	0	0	0	0	0				MAX.
MIN.				2138	6843	7956	198	278	113				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 17526

Table B-17

LONGS CANAL

Point of Diversion: 1.25 miles below McKay Point on the south bank of St. Johns River in the SE 1/4, Section 5, T18S, R27E, M08&M.

Maximum Diversion Capacity: 20-cfs pump capacity.

Location: 500 feet below head of canal in the SE 1/4, Section 5, T18S, R27E, M08&M, prior to December 1938; since 1938, at the pump on the river bank.

Gage: Open-channel section, staff gage and water-stage recorder rated by current meter measurements prior to the flood of December 1938, when diversion works and gaging station were destroyed. Since that time, diversions and measurements have been made by means of a rated low-head electric pump.

Operating Agency: Individual landowners.

Gross Service Area: 880 acres.

Period of Record: Intermittent during the years 1922, 1924, 1926, 1927 and 1931; no record during the years 1923, 1928, 1929 and 1930; continuous from October 1, 1924 to September 30, 1925 and from February 19, 1931 to current year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0				0	0	5.6	6.4	13.2	13.2	10.4	3.8	1
2	0				0	5.9	5.6	6.4	13.2	13.2	9.4	3.8	2
3	0				0	5.2	3.2	8.1	13.2	13.2	9.4	3.8	3
4	0				0	5.2	3.2	9.7	13.2	13.2	8.3	3.8	4
5	0				4.0	5.2	5.6	9.7	11.3	12.4	8.3	3.8	5
6	0				3.9	5.2	7.2	9.7	9.4	13.2	8.3	3.8	6
7	0				0	5.2	7.2	9.7	9.4	13.2	8.3	3.8	7
8	0				0	5.2	7.2	10.0	9.4	13.2	8.3	3.8	8
9	0				0	5.2	7.2	10.7	12.3	13.2	8.3	3.8	9
10	0				5.8	5.2	7.2	12.2	11.3	13.2	8.3	3.8	10
11	1.8				10.3	5.2	7.2	13.0	9.4	13.2	8.3	3.8	11
12	2.4				10.3	7.9	7.2	11.4	9.4	13.2	8.3	3.8	12
13	2.4				4.3	7.9	7.2	9.7	12.3	13.2	8.3	3.8	13
14	2.4				2.4	7.9	9.7	13.2	13.2	12.8	8.3	3.8	14
15	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	3.8	15
16	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	3.8	16
17	2.4				2.4	7.9	3.6	9.7	13.2	13.2	8.3	3.8	17
18	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	.9	18
19	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	0	19
20	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	0	20
21	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	0	21
22	6.5				1.8	7.9	7.2	11.1	13.2	13.2	8.3	0	22
23	7.9				0	7.9	6.8	13.2	13.2	13.2	8.3	0	23
24	7.9				0	7.9	6.4	13.2	13.2	13.2	8.3	0	24
25	7.9				0	7.9	6.4	13.2	13.2	13.2	8.3	0	25
26	7.9				0	5.2	6.4	13.2	13.2	13.2	8.3	0	26
27	7.9				0	2.4	6.4	13.2	13.2	13.2	8.3	0	27
28	7.9				0	2.4	6.4	13.2	13.2	13.2	5.0	0	28
29	7.9					6.1	6.4	13.2	13.2	13.2	3.8	0	29
30	7.9					7.9	6.4	13.2	13.2	13.2	3.8	0	30
31	2.6					4.0		13.2		13.2	3.8		31
MEAN	7.9				10.3	7.9	7.2	13.2	13.2	13.2	10.4	3.8	MEAN
MAX.	0				0	0	3.2	6.4	9.4	12.4	3.8	0	MAX.
MIN.	0				0	0						0	MIN.
AC. FT.	195				118	379	384	663	737	809	486	130	AC. FT.

Total Acre-Feet 3901



Table B-17 (Cont'd)

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10.2	0	7.0		0	3.4	11.7	11.4	11.4	11.9	12.8	11.1	1
2	10.2	0	7.0		0	3.4	11.7	11.4	6.5	11.9	12.8	11.1	2
3	10.2	0	7.0		0	3.4	11.7	11.4	6.5	11.9	12.8	11.1	3
4	10.2	0	7.0		0	3.4	11.7	11.4	7.0	11.9	12.8	11.1	4
5	10.2	0	7.0		0	3.4	11.7	11.4	0	11.9	12.8	11.1	5
6	7.6	0	7.0		0	3.4	11.7	11.4	0	11.9	12.8	11.1	6
7	6.8	0	7.0		0	9.1	11.7	11.4	0	11.9	12.8	11.1	7
8	6.8	0	7.0		0	12.0	11.7	11.4	0	11.9	12.8	11.1	8
9	6.8	0	7.0		0	9.5	11.7	11.4	0	11.9	12.8	11.1	9
10	6.8	0	5.2		0	8.6	11.7	11.4	0	11.9	12.8	11.1	10
11	6.8	0	7.0		0	11.1	11.7	11.4	0	11.9	0	11.1	11
12	6.8	0	7.0	N	0	12.0	11.7	11.4	0	10.2	0	11.1	12
13	6.8	0	7.0	O	0	12.0	11.7	11.4	0	0	0	11.1	13
14	6.8	0	7.0		0	12.0	11.7	11.4	0	0	0	9.1	14
15	6.8	0	7.0		2.5	12.0	11.7	11.4	8.6	0	0	2.4	15
16	6.8	0	7.0	F	3.4	12.0	11.7	11.4	11.4	0	0	0	16
17	6.8	0	7.0	L	3.4	12.0	11.7	5.7	11.4	0	0	0	17
18	6.8	0	7.0	O	3.4	12.0	11.7	5.7	11.4	0	0	0	18
19	5.1	0	7.0	W	3.4	12.0	11.7	10.4	11.4	0	0	0	19
20	2.6	0	7.0		3.4	12.0	11.7	11.4	11.4	9.4	0	0	20
21	3.4	0	7.0		3.4	12.0	11.7	11.4	11.4	12.6	0	0	21
22	3.4	5.1	7.0		3.4	12.0	11.7	11.4	11.4	12.6	0	0	22
23	3.4	9.4	7.0		3.4	12.0	11.7	11.4	11.4	12.6	0	0	23
24	3.4	10.2	1.7		3.4	12.0	11.7	11.4	11.4	12.6	0	8.3	24
25	2.6	10.2	0		3.4	12.0	11.7	11.4	11.4	12.6	0	11.1	25
26	0	10.2	0		3.4	12.0	11.7	11.4	11.4	12.6	0	11.1	26
27	0	10.2	0		3.4	12.0	11.7	11.4	11.4	12.6	0	11.1	27
28	0	10.2	0		3.4	12.0	11.7	11.4	11.4	12.6	0	11.1	28
29	0	10.2	0			12.0	11.7	11.4	11.4	12.6	8.3	11.1	29
30	0	10.2	0			12.0	11.7	11.4	11.4	12.6	11.1	11.1	30
31	0		0			12.0		11.4		12.6			31
MEAN	10.2	10.2	7.0		3.4	12.0	11.7	11.4	11.4	12.6	12.8	11.1	MEAN
MAX.	0	0	0		0	3.4	11.7	5.7	0	0	0	0	MAX.
MIN.	0	0	0		0	6.16	6.96	6.76	4.19	5.73	2.92	4.58	MIN.
AC. FT.	326	170	319		93								AC. FT.

Total Acre-Feet 4638

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	12.7	9.6	6.5	10.3	11.9	11.9	1
2						0	12.7	12.8	11.7	12.8	11.9	11.9	2
3						0	12.7	13.9	12.7	12.8	11.9	11.9	3
4						0	12.7	12.6	12.7	12.8	9.0	11.9	4
5						0	12.7	9.6	12.7	12.8	0	11.9	5
6						0	12.7	7.2	12.7	12.8	0	7.4	6
7						0	9.5	3.0	11.7	12.8	6.5	5.8	7
8						0	0	4.3	11.7	12.8	11.1	5.8	8
9						0	0	0	12.7	12.8	11.9	5.8	9
10						0	3.2	10.2	12.7	12.8	11.9	5.8	10
11						0	12.7	13.9	12.7	12.8	11.9	5.8	11
12	N			N	N	0	12.7	13.9	12.7	12.8	11.9	0	12
13	O	O	O	O	O	0	12.7	13.9	12.7	12.8	11.9	0	13
14						0	12.7	13.9	10.6	12.8	11.9	0	14
15						0	12.7	13.9	10.6	10.3	11.9	0	15
16	F			F	F	0	12.7	13.9	12.7	9.4	11.9	0	16
17	L			L	L	0	12.7	13.9	12.7	0.0	11.9	0	17
18	O			O	O	0	5.6	13.9	12.7	2.3	11.9	0	18
19	W			W	W	0	3.1	10.2	12.7	10.9	11.9	0	19
20						0	0.8	0	12.7	0	11.9	0	20
21						0	0	0	12.7	2.3	11.9	0	21
22						0	0	0	11.7	10.9	11.9	0	22
23						9.0	0	0	8.6	12.8	11.9	0	23
24						13.8	0	0	8.6	12.8	11.9	0	24
25						13.8	4.8	0	8.6	12.8	11.9	3.2	25
26						13.8	12.7	0	6.4	12.8	11.9	3.9	26
27						13.8	12.7	0	4.1	12.8	11.9	3.9	27
28						13.8	12.7	0	4.1	12.8	11.9	3.9	28
29						13.8	12.7	0	4.1	12.8	11.9	3.9	29
30						13.8	12.7	0	4.1	12.8	11.9	3.9	30
31						13.8		0		10.5	11.9		31
MEAN						13.8	12.7	13.9	12.7	12.8	11.9	11.9	MEAN
MAX.						0	0	0	4.1	0	0	0	MAX.
MIN.						2.37	5.07	4.06	6.22	6.66	6.66	2.35	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3339

Table B-17 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.6			0	13.6	13.6	0	13.1	0	12.1	12.1	11.8	1
2	8.6			0	11.1	13.6	0	13.1	2.3	12.1	12.1	11.8	2
3	8.6			0	10.3	13.6	0	13.1	2.8	12.1	12.1	10.2	3
4	5.7			0	10.3	13.6	0	13.1	2.8	12.1	12.1	10.2	4
5	0			0	10.3	13.6	0	13.1	2.8	12.1	12.1	10.2	5
6	0			0	10.3	13.6	0	13.1	2.8	12.1	12.1	10.2	6
7	0			0	12.8	13.6	0	8.7	2.8	12.1	12.1	10.2	7
8	0			0	13.6	13.6	0	0	2.8	12.1	12.1	10.2	8
9	0			0	13.6	13.6	0	0	10.6	12.1	12.1	10.2	9
10	0			0	13.6	13.6	0	2.3	12.6	12.1	12.1	10.2	10
11	0			0	13.6	13.6	0	3.0	12.6	12.1	12.1	10.2	11
12	0	N	N	0	13.6	13.6	0	3.0	12.6	12.1	12.1	10.2	12
13	0	O	O	0	12.8	13.6	0	3.0	12.6	12.1	12.1	10.2	13
14	0			0	13.6	13.6	0	3.0	12.6	12.1	12.1	10.2	14
15	0			0	13.6	13.6	6.7	3.0	12.6	12.1	12.1	10.2	15
16	0	F	F	0	13.6	13.6	10.1	3.0	12.6	12.1	12.1	10.2	16
17	0	L	L	0	13.6	13.6	11.6	6.4	12.6	12.1	12.1	7.6	17
18	0	O	O	0	13.6	9.1	13.1	13.1	12.6	12.1	12.1	0	18
19	0	W	W	0	13.6	13.6	13.1	3.3	12.6	12.1	12.1	0	19
20	0			0	13.6	13.6	13.1	0	12.6	12.1	12.1	0	20
21	0			0	13.6	12.8	13.1	0	12.6	12.1	11.8	0	21
22	0			0	13.6	10.3	13.1	9.8	12.6	12.1	11.8	0	22
23	0			0	13.6	10.3	13.1	13.1	12.6	12.1	11.8	0	23
24	0			0	13.6	10.3	13.1	13.1	12.6	12.1	11.8	0	24
25	0			0	13.6	10.3	13.1	13.1	12.6	12.1	11.8	0	25
26	0			0	13.6	10.3	13.1	13.1	12.1	12.1	11.8	0	26
27	0			0	13.6	10.3	13.1	13.1	12.1	12.1	11.8	0	27
28	0			0	13.6	10.2	13.1	13.1	12.1	12.1	11.8	0	28
29	0			10.2		3.3	13.1	8.7	12.1	12.1	11.8	0	29
30	0			13.6		3.3	13.1	0	12.1	12.1	11.8	0	30
31	0			13.6		3.3		0		12.1	11.8	0	31
MEAN													MEAN
MAX.	8.6			13.6	13.6	13.6	13.1	13.1	12.6	12.1	12.1	11.8	MAX.
MIN.	0			0	10.3	3.3	0	0	0	12.1	11.8	0	MIN.
AC. FT.	62			74	721	718	394	451	578	744	737	345	AC. FT.

Total Acre-Feet 4824

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	12	7.2	12	4.1	12.6	10.3	1
2						0	12	8.2	12	4.1	12.6	10.3	2
3						0	12	11.1	12	4.1	12.6	10.3	3
4						0	12	9.1	12	4.1	12.6	10.3	4
5						0	8	8.2	12	6.7	12.6	10.3	5
6						0	0	8.2	5.9	8.5	12.6	10.3	6
7						0	8.9	8.2	2.5	8.5	9.8	10.3	7
8						0	12	8.2	0	11.6	4.1	6.9	8
9						0	9.5	8.2	0	12.6	4.1	0	9
10						0	8.2	8.2	0	12.6	4.1	0	10
11						0	8.2	8.2	0	12.6	4.1	0	11
12	N	N	N	N	N	0	11	2	0	12.6	4.1	0	12
13	O	O	O	O	O	0	12	0	0	12.6	4.1	0	13
14						0	12	0	0	12.6	4.1	0	14
15						0	12	0	9.5	12.6	4.1	0	15
16	F	F	F	F	F	0	12	0	12.6	12.6	4.1	0	16
17	L	L	L	L	L	0	12	0	12.6	12.6	4.1	0	17
18	O	O	O	O	O	0	12	0	9.8	12.6	10.5	0	18
19	W	W	W	W	W	0	12	0	4.1	12.6	12.6	0	19
20						0	12	0	5.2	9.5	12.6	0	20
21						7	12	2.9	8.7	8.5	12.6	0	21
22						12	12	3.8	3.3	8.5	12.6	0	22
23						12	12	3.8	4.1	8.5	12.6	0	23
24						12	12	3.8	4.1	8.5	12.6	0	24
25						12	12	3.8	4.1	8.5	12.6	0	25
26						12			4.1	8.5	12.6	0	26
27						12	5.9	3.8		8.5	12.6	0	27
28						12	3.8	3.8	10.5	8.5	12.6	0	28
29						12	3.8	10	12.6	8.5	12.6	0	29
30						12	3.8	12	12.6	11.6	12.6	0	30
31						12	3.8	12	9.8	12.6	12.6	0	31
MEAN													MEAN
MAX.						12	12	12	12.6	12.6	12.6	10.3	MAX.
MIN.						0	0	0	0	4.1	4.1	0	MIN.
AC. FT.						252	577	331	389	604	592	157	AC. FT.

Total Acre-Feet 2902

Table B-18

SWEENEY DITCH

Point of Diversion: 3.5 miles below McKay Point on south bank of St. Johns River in the NE 1/4, Section 1, T18S, R26E, MDB&M.

Description: Diversion by open ditch and two electric pumps.

Remarks: Does not include pump on north side of river. Due to intermittent operation of the pump and the condition of the measuring station, continuous measurement was not possible. Water may have flowed other days. Diversions partly estimated.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	6.1			1
2									0	6.1			2
3									0	9.2			3
4									0	5.2			4
5									0	6.1			5
6									0	9.2			6
7									0	7.4			7
8									0	7.4			8
9									0	9.2			9
10									0	9.2			10
11									11.2	9.2			11
12	N	N	N	N	N	N	N	N	16.8	9.2	N	N	12
13	O	O	O	O	O	O	O	O	16.8	7.4	O	O	13
14									16.8	6.4			14
15									16.8	6.4			15
16	F	F	F	F	F	F	F	F	15.7	6.4	F	F	16
17	L	L	L	L	L	L	L	L	15.7	6.4	L	L	17
18	O	O	O	O	O	O	O	O	14.7	8.4	O	O	18
19	W	W	W	W	W	W	W	W	14.7	4.1	W	W	19
20									14.7	0			20
21									14.7	0			21
22									11.4	0			22
23									10.4	0			23
24									10.4	0			24
25									10.4	0			25
26									10.4	0			26
27									7.4	0			27
28									6.1	0			28
29									6.1	0			29
30									6.1	0			30
31									0	0			31
MEAN									16.8	9.2			MEAN
MAX.									0	0			MAX.
MIN.									491	276			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 767

Table B-18 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1											0		1
2											0		2
3											3		3
4											6		4
5											8		5
6											8		6
7											5		7
8											2		8
9											0		9
10											0		10
11											0		11
12	N	N	N	N	N	N	N	N	N	N	0	N	12
13	O	O	O	O	O	O	O	O	O	O	0	O	13
14											0		14
15											0		15
16	F	F	F	F	F	F	F	F	F	F	0	F	16
17	L	L	L	L	L	L	L	L	L	L	0	L	17
18	O	O	O	O	O	O	O	O	O	O	0	O	18
19	W	W	W	W	W	W	W	W	W	W	0	W	19
20											0		20
21											0		21
22											0		22
23											0		23
24											0		24
25											0		25
26											0		26
27											0		27
28											0		28
29											0		29
30											0		30
31											0		31
MEAN											8		MEAN
MAX.											0		MAX.
MIN.											63		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 63

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	4.8	5.5		1
2									0	4.8	5.5		2
3									0	4.8	5.5		3
4									0	4.8	5.5		4
5									0	5.1	5.5		5
6									0	5.5	5.5		6
7									0	5.5	5.5		7
8									0	5.5	5.5		8
9									0	5.5	2.8		9
10									0	5.5	0		10
11									0	5.5	0		11
12	N	N	N	N	N	N	N	N	0	5.5	0	N	12
13	O	O	O	O	O	O	O	O	0	5.5	0	O	13
14									0	5.5	0		14
15									4.3	5.5	0		15
16	F	F	F	F	F	F	F	F	6.4	5.5	0	F	16
17	L	L	L	L	L	L	L	L	6.4	5.5	0	L	17
18	O	O	O	O	O	O	O	O	6.4	5.5	0	O	18
19	W	W	W	W	W	W	W	W	6.4	5.5	0	W	19
20									6.4	5.5	0		20
21									6.4	5.5	0		21
22									6.4	5.5	0		22
23									6.4	5.5	0		23
24									6.4	5.5	0		24
25									6.4	5.5	0		25
26									6.4	5.5	0		26
27									5.1	5.5	0		27
28									4.8	5.5	0		28
29									4.8	5.5	0		29
30									4.8	5.5	0		30
31									4.8	5.5	0		31
MEAN									6.4	5.5	5.5		MEAN
MAX.									0	4.8	0		MAX.
MIN.									187	330	93		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 610

Table B-18 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

No diversion for the year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

No diversion for the year.

Table B-19

KETCHUM DITCH AT HEAD

Point of Diversion: 5 miles below McKay Point on the south bank of St. Johns River in the NE 1/4, Section 11, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 125 cfs.

Location: 500 feet below head of ditch in the NE 1/4, Section 11, T18S, R26E, MDB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of Parshall flume in December 1936.

Operating Agency: Visalia and Kaweah Water Company, Tulare Irrigation Company, and Tulare Irrigation District.

Gross Service Area: Visalia and Kaweah Water Company, 18,300 acres; Tulare Irrigation Company, 7,300 acres; Tulare Irrigation District, 75,350 acres.

Period of Record: Intermittent during the years ending September 30, 1920 and 1924; no record during the years ending September 30, 1919, 1921, 1922 and 1923; continuous from May 1, 1917 to September 30, 1918 and from October 1, 1924 to current year.

Remarks: Tables B19, B19a and B19b list mean daily diversions of Ketchum Ditch from the St. Johns River which include deliveries for Visalia and Kaweah Water Company and for Tulare Irrigation Company.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	31				0	41			1
2				0	32				0	41			2
3				0	30				0	41			3
4				0	37				0	41			4
5				0	35				0	41			5
6				0	37				0	41			6
7				22	30				0	41			7
8				24	23				0	41			8
9				24	24				0	41			9
10				31	26				0	41			10
11				37	11				0	41			11
12	N	N	N	37	8	N	N	N	0	41	N	N	12
13	O	O	O	37	8	O	O	O	18	41	O	O	13
14				37	7				35	41			14
15				37	7				36	40			15
16	F	F	F	36	7	F	F	F	39	37	F	F	16
17	L	L	L	36	6	L	L	L	38	35	L	L	17
18	O	O	O	36	6	O	O	O	39	36	O	O	18
19	W	W	W	34	8	W	W	W	41	35	W	W	19
20				33	8				41	35			20
21				36	8				40	35			21
22				34	8				41	36			22
23				32	9				41	35			23
24				31	9				41	35			24
25				32	8				41	35			25
26				32	6				41	22			26
27				30	3				41	0			27
28				30	0				41	0			28
29				30	0				41	0			29
30				27					40				30
31				30						0			31
MEAN				37	37				41	41			MEAN
MAX.				0	0				0	0			MAX.
MIN.				1597	857				1379	1964			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5797

Table B-19 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	9	10	6	17								1
2	0	9	8	6	24								2
3	0	8	8	7	18								3
4	0	8	5	8	17								4
5	0	8	3	12	7								5
6	0	9	2	10	2								6
7	0	8	2	10	1								7
8	0	6	1	10	0								8
9	0	6	0	10	0								9
10	0	5	2	9	0								10
11	0	6	2	12	0								11
12	0	7	0	10	0	N	N	N	N	N	N	N	12
13	0	10	0	10	0	O	O	O	O	O	O	O	13
14	0	10	0	11	0								14
15	0	11	0	11	0								15
16	0	11	0	11	0	F	F	F	F	F	F	F	16
17	0	11	0	10	0	L	L	L	L	L	L	L	17
18	0	11	0	10	0	O	O	O	O	O	O	O	18
19	0	11	0	13	0	W	W	W	W	W	W	W	19
20	0	11	0	15	0								20
21	0	11	0	14	0								21
22	0	10	0	18	0								22
23	0	4	0	20	0								23
24	0	3	0	19	0								24
25	5	6	4	17	0								25
26	13	6	5	18	0								26
27	13	6	5	16	0								27
28	13	5	6	17	0								28
29	12	5	6	18									29
30	11	7	6	19									30
31	10		6	17									31
MEAN													MEAN
MAX.	13	11	10	20	24								MAX.
MIN.	0	3	0	6	0								MIN.
AC. FT.	153	472	161	781	171								AC. FT.

Total Acre-Feet 1738

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	45	37	38	44	43	36	40	0	1
2				0	49	37	40	46	42	36	40	0	2
3				9	56	37	40	46	42	37	40	0	3
4				30	52	39	41	46	42	37	40	0	4
5				37	51	37	41	46	42	37	40	0	5
6				37	56	35	41	46	42	38	41	23	6
7				37	44	35	40	46	42	39	43	56	7
8				36	36	36	40	46	42	40	46	52	8
9				36	41	37	40	47	44	40	46	51	9
10				39	41	37	40	50	45	40	46	51	10
11				40	36	38	40	58	45	40	46	48	11
12	N	N	N	41	37	38	40	58	45	40	46	40	12
13	O	O	O	42	28	38	40	58	45	40	46	40	13
14				42	14	38	40	58	45	40	46	40	14
15				45	27	38	40	58	44	40	45	40	15
16	F	F	F	35	36	38	41	58	44	40	10	40	16
17	L	L	L	22	37	33	41	51	44	40	0	40	17
18	O	O	O	22	37	27	41	45	44	40	0	40	18
19	W	W	W	21	37	27	41	45	44	40	0	40	19
20				31	37	32	41	45	44	40	0	40	20
21				49	37	40	41	45	42	40	0	40	21
22				48	38	38	41	45	42	40	0	40	22
23				42	39	38	41	43	41	40	0	39	23
24				34	39	38	41	43	41	40	0	39	24
25				42	38	39	42	43	42	40	0	38	25
26				47	38	40	42	43	42	40	0	38	26
27				46	38	40	42	43	41	40	0	38	27
28				46	37	41	42	43	38	40	0	39	28
29				46		42	42	43	38	40	0	39	29
30				46		42	44	43	37	40	0	39	30
31				45		41		43		40	0	39	31
MEAN				49	56	42	44	58	45	40	46	56	MEAN
MAX.				0	14	27	38	43	37	36	0	0	MAX.
MIN.				2168	2184	2287	2428	2924	2527	2420	1311	2043	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 20292

Table B-19 (Cont'd)

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	39	44	21	26	48	46	0	43	44	0	11	Includes water for Visalia, and Kaweah Water Company and for Tulare Irrigation Company.	1
2	39	44	22	26	48	49	0	43	42	0	11		2
3	39	44	21	26	49	47	0	43	41	0	11		3
4	39	45	21	26	49	48	0	43	41	0	11		4
5	38	45	27	26	49	23	9	43	14	0	11		5
6	38	45	28	26	48	1	21	43	0	0	11		6
7	38	45	28	26	49	0	21	43	0	0	11		7
8	38	45	28	26	49	0	22	43	0	0	8		8
9	38	45	28	26	49	0	30	43	0	0	0		9
10	38	42	28	26	49	0	43	11	0	0	0		10
11	49	31	30	26	49	0	42	0	0	0	0	11	
12	56	0	36	26	47	0	41	0	0	0	0	N	12
13	50	0	35	26	46	0	42	0	0	0	0	0	13
14	48	0	35	26	46	0	43	0	0	0	0	0	14
15	48	0	37	27	48	0	41	0	0	0	0	0	15
16	43	0	41	29	49	0	41	0	0	0	0	F	16
17	25	0	40	29	49	0	42	0	0	0	0	L	17
18	21	0	43	29	50	0	42	0	0	0	0	O	18
19	21	0	36	28	49	0	43	0	0	0	0	W	19
20	21	0	26	28	49	0	43	0	0	0	0	0	20
21	21	0	26	28	50	0	43	0	0	0	0	0	21
22	21	0	26	35	51	0	43	9	0	0	0	0	22
23	21	0	26	49	50	0	43	36	0	0	0	0	23
24	21	0	26	49	50	0	44	40	0	0	0	0	24
25	9	0	26	49	50	0	44	43	0	0	0	0	25
26	0	0	26	49	50	0	44	43	0	2	0	0	26
27	0	0	27	49	50	0	44	43	0	9	0	0	27
28	0	0	27	49	46	0	44	44	0	11	0	0	28
29	0	9	27	49	0	0	44	45	0	10	0	0	29
30	21	21	27	48	48	0	44	45	0	10	0	0	30
31	44		27	48		0		45		11	0	0	31
MEAN													MEAN
MAX.	56	45	43	49	51	49	44	45	44	11	11		MAX.
MIN.	0	0	21	26	46	0	0	0	0	0	0		MIN.
AC. FT.	1833	1002	1789	2055	2709	424	1989	1569	361	105	169		AC. FT.

Total Acre-Feet 14005

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	31	38	26	2	28	33	46	35	31	26	1
2		0	32	37	26	2	28	26	36	28	30	26	2
3		0	32	37	26	2	28	25	27	28	30	26	3
4		0	30	38	30	2	28	25	27	27	30	26	4
5		0	23	38	31	2	28	25	27	27	30	26	5
6		0	23	38	32	2	28	25	27	27	30	26	6
7		0	23	38	32	2	28	25	27	27	31	26	7
8		0	23	38	40	2	27	34	27	27	32	26	8
9		0	23	38	47	2	28	43	27	27	32	26	9
10		0	21	35	47	0	31	43	27	27	32	26	10
11		0	20	34	47	0	31	43	27	27	32	26	11
12	N	0	19	38	47	0	30	43	33	33	32	25	12
13	O	0	19	38	47	0	30	43	46	37	32	25	13
14		0	19	30	47	0	30	43	57	37	32	25	14
15		0	18	29	47	0	30	43	58	38	33	3	15
16	F	0	18	30	20	0	31	44	56	40	34	0	16
17	L	0	18	31	3	0	32	43	52	40	33	0	17
18	O	0	17	31	3	0	33	43	46	40	33	0	18
19	W	0	17	31	3	0	48	49	46	40	32	0	19
20		0	17	31	4	0	55	56	46	40	32	0	20
21		0	21	30	23	5	55	56	46	40	32	0	21
22		0	26	29	56	16	55	51	47	39	32	0	22
23		0	26	29	14	16	55	41	48	39	32	0	23
24		0	25	28	7	22	53	37	48	37	15	0	24
25		0	25	28	5	28	51	36	49	35	12	0	25
26		18	29	28	3	28	52	36	49	35	20	0	26
27		33	23	28	2	27	52	38	45	35	27	0	27
28		36	27	27	2	27	36	44	42	35	27	0	28
29		36	36	26	2	27	30	51	42	35	27	0	29
30		30	36	26	26	28	35	49	43	36	27	0	30
31			36	26	26	28		47		33	26	0	31
MEAN													MEAN
MAX.		36	36	38	56	28	55	56	58	40	34	26	MAX.
MIN.		0	17	26	2	0	27	25	27	27	12	0	MIN.
AC. FT.		303	1493	1989	1426	536	2194	2460	2428	2085	1805	722	AC. FT.

Total Acre-Feet 17441



Table B-19a

KETCHUM DITCH (a)

Point of Diversion: 5 miles below McKay Point on the south bank of St. Johns River in the NE 1/4, Section 11, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 125 cfs.

Location: 500 feet below head of ditch in the NE 1/4, Section 11, T18S, R26E, MDB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of Parshall flume in December 1936.

Operating Agency: Visalia and Kaweah Water Company, Tulare Irrigation Company, and Tulare Irrigation District.

Gross Service Area: Visalia and Kaweah Water Company, 18,300 acres; Tulare Irrigation Company, 7,300 acres; Tulare Irrigation District, 75,350 acres.

Period of Record: Intermittent during the years ending September 30, 1920 and 1924; no record during the years ending September 30, 1919, 1921, 1922 and 1923; continuous from May 1, 1917 to September 30, 1918 and from October 1, 1924 to current year.

Remarks: Tables B19, d19a and B19b list mean daily diversions of Ketchum Ditch from the St. Johns River which include deliveries for Visalia and Kaweah Water Company and for Tulare Irrigation Company.

Notes: This water transferred to Kaweah River and diverted by Fleming, Oakes, Evans, Watson and Persian Ditches.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	31				0	41			1
2				0	32				0	41			2
3				0	30				0	41			3
4				0	37				0	41			4
5				0	35				0	41			5
6				0	37				0	41			6
7				22	30				0	41			7
8				24	23				0	41			8
9				24	24				0	41			9
10				31	26				0	41			10
11				37	11				0	41			11
12	N	N	N	37	8	N	N	N	0	41	N	N	12
13	O	O	O	37	8	O	O	O	0	41	O	O	13
14				37	7				0	41			14
15				37	7				0	40			15
16	F	F	F	36	7	F	F	F	0	37	F	F	16
17	L	L	L	36	6	L	L	L	0	35	L	L	17
18	O	O	O	36	6	O	O	O	19	36	O	O	18
19	W	W	W	34	8	W	W	W	41	35	W	W	19
20				33	8				41	35			20
21				36	8				40	35			21
22				34	8				41	36			22
23				32	9				41	35			23
24				31	9				41	35			24
25				32	8				41	35			25
26				32	6				41	22			26
27				30	3				41	0			27
28				30	0				41	0			28
29				30	0				41	0			29
30				27					40	0			30
31				30						0			31
MEAN				37	37				41	41			MEAN
MAX.				0	0				0	0			MAX.
MIN.				1597	857				1010	1964			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5428

Table B-19a (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	9	10	6	17								1
2	0	9	8	6	24								2
3	0	8	8	7	18								3
4	0	8	5	8	17								4
5	0	8	3	12	7								5
6	0	9	2	10	2								6
7	0	8	2	10	1								7
8	0	6	1	10	0								8
9	0	6	0	10	0								9
10	0	5	2	9	0								10
11	0	6	2	12	0	N	N	N	N	N	N	N	11
12	0	7	0	10	0	O	O	O	O	O	O	O	12
13	0	10	0	10	0								13
14	0	10	0	11	0								14
15	0	11	0	11	0								15
16	0	11	0	11	0	F	F	F	F	F	F	F	16
17	0	11	0	10	0	L	L	L	L	L	L	L	17
18	0	11	0	10	0	O	O	O	O	O	O	O	18
19	0	11	0	13	0	W	W	W	W	W	W	W	19
20	0	11	0	15	0								20
21	0	11	0	14	0								21
22	0	10	0	18	0								22
23	0	4	0	20	0								23
24	0	3	0	19	0								24
25	5	6	4	17	0								25
26	13	6	5	18	0								26
27	13	6	5	16	0								27
28	13	5	6	17	0								28
29	12	5	6	18	0								29
30	11	7	6	19	0								30
31	10	7	6	17	0								31
MEAN													MEAN
MAX.	13	11	10	20	24								MAX.
MIN.	0	3	0	6	1								MIN.
AC. FT.	153	472	161	781	171								AC. FT.

Total Acre-Feet 1738

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	45							0	1
2				0	49							0	2
3				9	56							0	3
4				30	52							0	4
5				37	51							0	5
6				37	56							23	6
7				37	0							56	7
8				36	0							52	8
9				36	0							51	9
10				39	0							51	10
11				0	0							48	11
12	N	N	N	0	0	N	N	N	N	N	N	40	12
13	O	O	O	0	0	O	O	O	O	O	O	40	13
14				0	0							40	14
15				0	0							40	15
16	F	F	F	0	0	F	F	F	F	F	F	40	16
17	L	L	L	0	0	L	L	L	L	L	L	40	17
18	O	O	O	0	0	O	O	O	O	O	O	40	18
19	W	W	W	0	0	W	W	W	W	W	W	40	19
20				0	0							40	20
21				49	0							40	21
22				48	0							40	22
23				42	0							39	23
24				34	0							39	24
25				42	0							38	25
26				47	0							38	26
27				46	0							38	27
28				46	0							39	28
29				46	0							39	29
30				46	0							39	30
31				45	0							39	31
MEAN													MEAN
MAX.				49	56							56	MAX.
MIN.				0	0							0	MIN.
AC. FT.				1492	613							2043	AC. FT.

Total Acre-Feet 4148

Table B-19a (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	39	44	21	26	48	46	0	43	44				1
2	39	44	22	26	48	49	0	43	42				2
3	39	44	21	26	49	47	0	43	41				3
4	39	45	21	26	49	48	0	43	41				4
5	38	45	27	26	49	23	9	43	14				5
6	38	45	28	26	48	1	21	43	0				6
7	38	45	28	26	49	0	21	43	0				7
8	38	45	28	26	49	0	22	43	0				8
9	38	45	28	26	49	0	30	43	0				9
10	38	42	28	26	49	0	43	11	0				10
11	49	31	30	26	49	0	42	0	0				11
12	56	0	36	26	47	0	41	0	0	N	N	N	12
13	50	0	35	26	46	0	42	0	0	O	O	O	13
14	48	0	35	26	46	0	43	0	0				14
15	48	0	37	27	48	0	41	0	0				15
16	43	0	41	29	49	0	41	0	0	F	F	F	16
17	25	0	40	29	49	0	42	0	0	L	L	L	17
18	21	0	43	29	50	0	42	0	0	O	O	O	18
19	21	0	36	28	49	0	43	0	0	W	W	W	19
20	21	0	26	28	49	0	43	0	0				20
21	21	0	26	28	50	0	43	0	0				21
22	21	0	26	35	51	0	43	9	0				22
23	21	0	26	49	50	0	43	36	0				23
24	21	0	26	49	50	0	44	40	0				24
25	9	0	26	49	50	0	44	43	0				25
26	0	0	26	49	50	0	44	43	0				26
27	0	0	27	49	50	0	44	43	0				27
28	0	0	27	49	46	0	44	44	0				28
29	0	9	27	49	0	0	44	45	0				29
30	21	21	27	48	0	0	44	45	0				30
31	44		27	48	0	0		45					31
MEAN	56	45	43	49	51	49	44	45	44				MEAN
MAX.	0	0	21	26	46	0	0	0	0				MAX.
MIN.	1833*	1002	1789	2055	2709	424	1989	1569	361				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13731

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	31	38							0	26	1
2		0	32	37							0	26	2
3		0	32	37							0	26	3
4		0	30	38							0	26	4
5		0	23	38							0	26	5
6		0	23	38							0	26	6
7		0	23	38							0	26	7
8		0	23	38							0	26	8
9		0	23	38							10	26	9
10		0	21	12							32	26	10
11		0	20	0							32	26	11
12	N	0	19	0	N	N	N	N	N	N	32	25	12
13	O	0	19	0	O	O	O	O	O	O	32	25	13
14		0	19	0							32	25	14
15		0	18	0							33	3	15
16	F	0	18	0	F	F	F	F	F	F	34	0	16
17	L	0	18	0	L	L	L	L	L	L	33	0	17
18	O	0	17	0	O	O	O	O	O	O	33	0	18
19	W	0	17	0	W	W	W	W	W	W	32	0	19
20		0	17	0							32	0	20
21		0	21	0							32	0	21
22		0	26	0							32	0	22
23		0	26	0							32	0	23
24		0	25	0							15	0	24
25		0	25	0							12	0	25
26		18	29	0							20	0	26
27		33	23	0							27	0	27
28		36	27	0							27	0	28
29		36	36	0							27	0	29
30		30	36	0							27	0	30
31			0	0							26		31
MEAN		36	36	38							34	26	MEAN
MAX.		0	0	0							0	0	MAX.
MIN.		303	1422	698							1295	722	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4440

Table B-19b

KETCHUM DITCH (b)

Point of Diversion: 5 miles below McKay Point on the south bank of St. Johns River in the NE 1/4, Section 11, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 125 cfs.

Location: 500 feet below head of ditch in the NE 1/4, Section 11, T18S, R26E, MDB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of Parshall flume in December 1936.

Operating Agency: Visalia and Kaweah Water Company, Tulare Irrigation Company, and Tulare Irrigation District.

Gross Service Area: Visalia and Kaweah Water Company, 18,300 acres; Tulare Irrigation Company, 7,300 acres; Tulare Irrigation District, 75,350 acres.

Period of Record: Intermittent during the years ending September 30, 1920 and 1924; no record during the years ending September 30, 1919, 1921, 1922 and 1923; continuous from May 1, 1917 to September 30, 1918 and from October 1, 1924 to current year.

Remarks: Tables B19, 819a, and 819b list mean daily diversions of Ketchum Ditch from the St. Johns River which include deliveries for Visalia and Kaweah Water Company and for Tulare Irrigation Company.

Notes: This water transferred to Kaweah River and diverted by Tulare Irrigation Company.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									0				7
8									0				8
9									0				9
10									0				10
11									0				11
12	N	N	N	N	N	N	N	N	0	N	N	N	12
13	O	O	O	O	O	O	O	O	18	O	O	O	13
14									35				14
15									36				15
16	F	F	F	F	F	F	F	F	39	F	F	F	16
17	L	L	L	L	L	L	L	L	38	L	L	L	17
18	O	O	O	O	O	O	O	O	20	O	O	O	18
19	W	W	W	W	W	W	W	W	0	W	W	W	19
20									0				20
21									0				21
22									0				22
23									0				23
24									0				24
25									0				25
26									0				26
27									0				27
28									0				28
29									0				29
30									0				30
31									0				31
MEAN									39				MEAN
MAX.									0				MAX.
MIN.									0				MIN.
AC. FT.									369				AC. FT.

Total Acre-Feet 369

Table B-19b (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	37	38	44	43	36	40		1
2				0	0	37	40	46	42	36	40		2
3				0	0	37	40	46	42	37	40		3
4				0	0	39	41	46	42	37	40		4
5				0	0	37	41	46	42	37	40		5
6				0	0	35	41	46	42	38	41		6
7				0	44	35	40	46	42	39	43		7
8				0	36	36	40	46	42	40	46		8
9				0	41	37	40	47	44	40	46		9
10				0	41	37	40	50	45	40	46		10
11				40	36	38	40	58	45	40	46		11
12	N	N	N	41	37	38	40	58	45	40	46	N	12
13	O	O	O	42	28	38	40	58	45	40	46	O	13
14				42	14	38	40	58	45	40	46		14
15				45	27	38	40	58	44	40	45		15
16	F	F	F	35	36	38	41	58	44	40	10	F	16
17	L	L	L	22	37	33	41	51	44	40	0	L	17
18	O	O	O	22	37	27	41	45	44	40	0	O	18
19	W	W	W	21	37	27	41	45	44	40	0	W	19
20				31	37	32	41	45	44	40	0		20
21				0	37	40	41	45	42	40	0		21
22				0	38	38	41	45	42	40	0		22
23				0	39	38	41	43	41	40	0		23
24				0	39	38	41	43	41	40	0		24
25				0	38	39	42	43	42	40	0		25
26				0	38	40	42	43	42	40	0		26
27				0	38	40	42	43	41	40	0		27
28				C	37	41	42	43	38	40	0		28
29				0	0	42	42	43	38	40	0		29
30				0	0	42	44	43	37	40	0		30
31				0	0	41	43	43	40	40	0		31
MEAN				45	44	42	44	58	45	40	46		MEAN
MAX.				0	0	27	38	43	37	36	0		MAX.
MIN.				676	1571	2287	2428	2924	2527	2420	1311		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 16144

Table B-19b (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	11		1
2										0	11		2
3										0	11		3
4										0	11		4
5										0	11		5
6										0	11		6
7										0	11		7
8										0	8		8
9										0	0		9
10										0	0		10
11										0	0		11
12	N	N	N	N	N	N	N	N	N	0	0	N	12
13	O	O	O	O	O	O	O	O	O	0	0	O	13
14										0	0		14
15										0	0		15
16	F	F	F	F	F	F	F	F	F	0	0	F	16
17	L	L	L	L	L	L	L	L	L	0	0	L	17
18	O	O	O	O	O	O	O	O	O	0	0	O	18
19	W	W	W	W	W	W	W	W	W	0	0	W	19
20										0	0		20
21										0	0		21
22										0	0		22
23										0	0		23
24										0	0		24
25										0	0		25
26										2	0		26
27										9	0		27
28										11	0		28
29										10	0		29
30										10	0		30
31										11	0		31
MEAN										11	11		MEAN
MAX.										0	0		MAX.
MIN.										0	0		MIN.
AC. FT.										105	169		AC. FT.

Total Acre-Feet 274

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	0	26	2	28	33	46	35	31		1
2			0	0	26	2	28	26	36	28	30		2
3			0	0	26	2	28	25	27	28	30		3
4			0	0	30	2	28	25	27	27	30		4
5			0	0	31	2	28	25	27	27	30		5
6			0	0	32	2	28	25	27	27	30		6
7			0	0	32	2	28	25	27	27	31		7
8			0	0	40	2	27	34	27	27	32		8
9			0	0	47	2	28	43	27	27	13		9
10			0	23	47	0	31	43	27	27	0		10
11			0	34	47	0	31	43	27	27	0		11
12	N	N	0	38	47	0	30	43	33	33	0	N	12
13	O	O	0	38	47	0	30	43	46	37	0	O	13
14			0	30	47	0	30	43	57	37	0		14
15			0	29	47	0	30	43	58	38	0		15
16	F	F	0	30	20	0	31	44	56	40	0	F	16
17	L	L	0	31	3	0	32	43	52	40	0	L	17
18	O	O	0	31	3	0	33	43	46	40	0	O	18
19	W	W	0	31	3	0	48	49	46	40	0	W	19
20			0	31	4	0	55	56	46	40	0		20
21			0	30	23	5	55	56	46	40	0		21
22			0	29	56	16	55	51	47	39	0		22
23			0	29	14	16	55	41	48	39	0		23
24			0	28	7	22	53	37	48	37	0		24
25			0	28	5	28	51	36	49	35	0		25
26			0	28	3	28	52	36	49	35	0		26
27			0	28	2	27	52	38	45	35	0		27
28			0	27	2	27	36	44	42	35	0		28
29			0	26	2	27	30	51	42	35	0		29
30			0	26	2	28	35	49	43	36	0		30
31			36	26	28	28	47	47	43	33	0		31
MEAN			36	38	56	28	55	56	58	40	32		MEAN
MAX.			0	0	2	0	27	25	27	27	0		MAX.
MIN.			71	1291	1426	536	2194	2460	2428	2085	510		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13001

Table B-20

PACKWOOD CANAL FROM ST. JOHNS RIVER

Point of Diversion: 5.5 miles below McKay Point on the south bank of St. Johns River in the NE 1/4, Section 10, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 300 cfs.

Location: 2 miles below head of canal in the NW 1/4, Section 16, T18S, R26E, MDB&M.

Gage: Open-channel section through solid rock, staff gage and water-stage recorder, rated by current meter measurements.

Operating Agency: Packwood Canal Company through 1948 and Tulare Irrigation District thereafter.

Gross Service Area: 15,000 acres (served by Packwood Canal).

Period of Record: No record during the years 1918, 1919, 1920, 1922 and 1923; partial record during 1921; continuous from May 1 to September 30, 1917 and from October 1, 1924 to current year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

Table B-20 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	40	17	53	24	6		0	1
2					0	38	20	60	21	0		0	2
3					0	38	32	60	20	0		0	3
4					0	41	46	60	19	0		0	4
5					0	38	50	60	19	0		0	5
6					0	13	51	60	18	0		0	6
7					0	20	47	60	17	0		0	7
8					0	25	40	60	17	0		0	8
9					0	32	40	64	25	0		0	9
10					0	39	40	70	43	0		0	10
11					0	40	41	73	42	0		0	11
12	N	N	N	N	0	40	44	76	50	0	N	0	12
13	O	O	O	O	0	42	44	76	85	0	O	0	13
14					0	40	44	76	85	0		0	14
15					0	40	44	76	84	0		0	15
16	F	F	F	F	8	40	44	75	83	0	F	0	16
17	L	L	L	L	52	40	44	79	84	0	L	0	17
18	O	O	O	O	56	40	45	85	85	0	O	0	18
19	W	W	W	W	55	40	45	83	85	0	W	10	19
20					54	37	45	82	84	0		10	20
21					53	33	45	81	79	0		9	21
22					59	25	45	78	74	0		9	22
23					69	12	45	75	72	0		9	23
24					64	13	48	85	72	0		9	24
25					63	38	53	82	72	0		8	25
26					61	38	54	80	71	0		0	26
27					49	38	53	76	51	0		0	27
28					44	38	52	76	35	0		0	28
29						38	51	76	29	0		0	29
30						38	51	58	17	0		0	30
31						34		28		0		0	31
MEAN					69	41	54	85	85	6		10	MEAN
MAX.					0	12	17	28	17	.0		0	MAX.
MIN.					1363	2118	2618	4330	3098	12		127	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13666



Table B-20 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

No diversion for the year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	40		0	25	37	31			1
2				0	45		10	28	37	31			2
3				0	47		40	23	31	30			3
4				0	47		36	23	31	28			4
5				0	47		37	25	31	23			5
6				0	47		38	29	30	20			6
7				0	50		33	31	29	17			7
8				0	52		30	31	29	0			8
9				0	57		32	33	29	0			9
10				0	57		31	34	5	0			10
11				0	57		31	33	5	0			11
12	N	N	N	0	57	N	29	33	5	0	N	N	12
13	O	O	O	0	57	O	29	33	5	0			13
14				0	60		29	32	5	0			14
15				0	65		29	32	5	0			15
16	F	F	F	0	15	F	34	31	5	0	F	F	16
17	L	L	L	0	0	L	39	30	21	0	L	L	17
18	O	O	O	0	0	O	40	30	23	0	O	O	18
19	W	W	W	0	0	W	47	31	24	0	W	W	19
20				0	0		53	34	33	0			20
21				0	0		52	37	43	0			21
22				0	0		50	38	51	0			22
23				0	0		51	36	60	0			23
24				0	0		51	33	51	0			24
25				0	0		42	32	39	0			25
26				0	0		38	35	35	0			26
27				0	0		39	33	26	0			27
28				0	0		33	33	26	0			28
29				0	0		25	34	26	0			29
30				0	0		24	36	30	0			30
31				25				37					31
MEAN				25	65		54	38	60	31			MEAN
MAX.				0	0		0	23	5	0			MAX.
MIN.				50	1587		2087	1954	1601	357			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7636

Table B-21

TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

Point of Diversion: 6.5 miles below McKay Point on the north bank of St. Johns River in the NW 1/4, Section 10, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 500 cfs.

Location: 2.25 miles below head of canal at the siphon across St. Johns River in the SE 1/4, Section 17, T18S, R26E, MDB&M.

Gage: Prior to 1951 at flume section, with staff gage and water-stage recorder, rated by current meter measurements. Because of the shape of the flume entrance, it was in effect a Parshall flume with a constant rating. Since 1951 the gaging station has been at the entrance of the siphon across St. Johns River.

Operating Agency: Tulare Irrigation District.

Gross Service Area: Prior to January 1948, 33,500 acres; since October 1948, 75,350 acres.

Period of Record: 1917 to current year.

Remarks: Quantities in this table do not include water received from Hutchumma Ditch or the Central Valley Project, which is also measured at this point and is shown in separate tables.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-21 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	107	35	154	111	147	420	209	186	110	1
2			0	105	35	155	117	165	382	203	185	110	2
3			0	99	37	152	124	209	358	216	184	112	3
4			0	0	49	97	126	252	358	186	184	113	4
5			0	0	57	0	128	354	345	170	198	113	5
6			0	0	64	61	132	357	347	180	212	0	6
7			0	0	74	88	130	358	341	160	227	0	7
8			0	0	52	155	128	358	340	134	217	0	8
9			0	0	62	196	125	356	372	130	182	0	9
10			0	0	24	198	126	361	410	137	179	0	10
11			0	0	26	204	124	324	408	160	193	0	11
12	N	N	0	21	22	203	125	394	402	190	199	0	12
13	O	O	0	27	14	190	127	391	425	219	200	0	13
14			0	31	12	167	127	414	448	232	201	0	14
15			0	35	67	134	129	442	449	208	185	0	15
16	F	F	0	33	178	137	130	462	453	209	212	0	16
17	L	L	0	32	200	121	128	455	446	224	223	0	17
18	O	O	0	29	202	78	130	445	451	231	202	0	18
19	W	W	0	30	203	79	130	438	450	249	135	0	19
20			0	34	203	76	129	435	456	260	112	0	20
21			0	28	251	75	129	433	368	261	116	0	21
22			0	28	220	67	128	438	305	263	126	0	22
23			0	61	223	66	129	435	312	265	138	0	23
24			0	31	225	67	135	425	325	271	157	0	24
25			0	25	219	65	151	425	324	289	156	0	25
26			0	37	206	64	147	420	286	300	124	0	26
27			0	36	192	77	143	420	262	299	106	0	27
28			0	36	167	112	143	421	238	235	105	0	28
29			36	36	128	145	145	422	218	233	108	0	29
30			131	41	128	152	152	423	219	192	109	0	30
31			125	35	126	126	126	420	218	188	109	0	31
MEAN			131	107	251	204	152	462	456	300	227	113	MEAN
MAX.			0	0	12	0	111	147	218	130	105	0	MAX.
MIN.			579	1938	6583	7180	7791	23403	21656	13176	10255	1107	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 93668

Table B-21 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	72				0	284	0	372		1
2			0	52				0	0	0	391		2
3			0	48				0	0	0	389		3
4			0	48				0	0	0	368		4
5			0	21				0	0	0	347		5
6			0	5				0	0	0	389		6
7			0	6				0	0	0	388		7
8			0	5				0	0	0	335		8
9			0	0				0	0	0	235		9
10			0	0				0	0	0	118		10
11			0	0				0	0	165	20		11
12	N	N	0	0	N	N	N	0	0	297	0	N	12
13	O	O	0	0	O	O	O	0	0	302	0	O	13
14			19	0				0	0	321	0		14
15			19	0				0	0	319	0		15
16	F	F	19	0	F	F	F	0	0	331	0	F	16
17	L	L	18	0	L	L	L	0	0	405	0	L	17
18	O	O	15	0	O	O	O	0	0	338	0	O	18
19	W	W	29	0	W	W	W	0	0	339	0	W	19
20			86	0				0	0	344	0		20
21			108	0				0	0	340	0		21
22			104	0				0	0	348	0		22
23			77	0				166	0	348	0		23
24			73	0				231	0	347	0		24
25			72	0				217	0	348	0		25
26			72	0				215	0	350	0		26
27			73	0				213	0	348	0		27
28			77	0				219	0	347	0		28
29			79	0				215	0	350	0		29
30			78	0				259	0	351	0		30
31			78	0				307	0	356	0		31
MEAN			108	72				307	284	405	391		MEAN
MAX.			0	0				0	0	0	0		MAX.
MIN.			2174	510				4050	563	13873	6649		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 27819

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	114	0	14	104	95	330	93		1
2				0	103	0	15	180	148	328	64		2
3				0	82	0	12	56	230	327	64		3
4				0	80	0	9	56	242	329	62		4
5				0	78	0	5	82	255	340	65		5
6				0	77	0	3	128	258	336	60		6
7				0	88	0	4	205	279	342	67		7
8				0	83	0	6	294	295	257	64		8
9				0	85	0	38	243	297	137	55		9
10				0	80	0	39	228	296	98	40		10
11				0	87	0	29	202	315	71	29		11
12	N	N	N	0	93	0	30	186	337	44	28	N	12
13	O	O	O	187	96	91	23	194	339	41	27	O	13
14				181	98	191	23	212	345	46	26		14
15				163	99	256	22	237	351	40	26		15
16	F	F	F	165	106	235	0	242	336	32	34	F	16
17	L	L	L	170	88	236	0	221	254	27	36	L	17
18	O	O	O	183	54	236	37	213	123	17	37	O	18
19	W	W	W	175	50	236	127	210	73	40	35	W	19
20				174	21	236	219	212	69	61	34		20
21				168	0	253	218	226	67	60	35		21
22				223	0	280	213	223	207	25	32		22
23				0	0	296	214	190	376	0	30		23
24				140	0	270	139	180	348	0	31		24
25				146	0	277	30	182	290	0	34		25
26				138	0	128	28	182	306	0	0		26
27				141	0	15	39	187	299	0	0		27
28				158	0	14	34	173	309	0	0		28
29				92	15	15	34	139	326	0	0		29
30				92	16	16	47	111	334	118	0		30
31				77	22	22		97		111	0		31
MEAN				223	106	296	219	294	376	342	93		MEAN
MAX.				0	0	0	0	56	67	0	0		MAX.
MIN.				5500	3297	6552	3275	11098	15469	7057	2198		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 54446

Table B-22

FISHER RANCH RIPARIAN

Point of Diversion: Two electric pumps north and south sides of St. Johns River, northeast of the southeast corner of Section 9, T18S, R26E, M08&M.

Remarks: Diversion is by electric pump. Pumps are rated to electric meter.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								0	0	3.2			1
2								0	0	3.2			2
3								0	0	3.2			3
4								0	0	3.2			4
5								2.9	0	3.2			5
6								3.2	0	3.2			6
7								6.4	0	3.2			7
8								7.4	0	3.2			8
9								5.9	0	3.2			9
10								4.2	0	3.2			10
11								4.2	0	3.2			11
12	N	N	N	N	N	N	N	7.4	0	2.0	N	N	12
13	O	O	O	O	O	O	O	7.4	0	0	O	O	13
14								6.0	0	0			14
15								3.2	0	1.7			15
16	F	F	F	F	F	F	F	2.0	2.0	3.2	F	F	16
17	L	L	L	L	L	L	L	0	3.2	3.2	L	L	17
18	O	O	O	O	O	O	O	0	3.2	3.2	O	O	18
19	W	W	W	W	W	W	W	0	3.2	3.2	W	W	19
20								0	3.2	3.2			20
21								0	3.2	3.2			21
22								0	5.2	2.4			22
23								0	7.4	0			23
24								0	7.4	0			24
25								0	7.4	0			25
26								0	7.4	0			26
27								0	7.4	0			27
28								0	7.4	0			28
29								0	7.4	0			29
30								0	7.0	0			30
31								0	0	0			31
MEAN								7.4	7.4	3.2			MEAN
MAX.								0	0	0			MAX.
MIN.								0	0	0			MIN.
AC. FT.								118	163	120			AC. FT.

Total Acre-Feet 401

Table B-22 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	.8	7.8	0	0	0	7.4	8.5	1
2					0	0	7.8	0	0	0	8.5	8.5	2
3					0	0	7.8	0	0	0	8.5	8.5	3
4					0	0	7.8	2.2	0	0	8.5	8.5	4
5					0	0	7.8	3.3	0	0	4.3	4.6	5
6					0	0	7.8	0.8	0	0	3.0	3.3	6
7					0	0	7.8	0	0	0	3.0	3.3	7
8					0	0	4.3	0	0	0	3.0	3.3	8
9					0	0	3.1	0	0	0	3.0	3.3	9
10					0	0	3.1	0	0	0	3.0	3.3	10
11					0	0	3.1	0	0	0	3.0	0.8	11
12	N	N	N	N	0	0	3.1	0	0	0	3.0	0	12
13	O	O	O	O	0	0	3.1	0	0	0	3.0	0	13
14					0	0	3.1	0	0	2.5	3.0	0	14
15					0	0	3.1	0	0	3.3	3.0	0	15
16	F	F	F	F	0	0	3.1	0	0	3.3	3.0	0	16
17	L	L	L	L	0	0	3.1	0	0	3.3	3.0	0	17
18	O	O	O	O	0	0	3.1	0	0	3.3	3.0	0	18
19	W	W	W	W	0	0	3.1	0	3.9	3.3	3.0	0	19
20					0	0	3.1	0	7.7	3.3	3.0	0	20
21					0	0	3.1	0	8.5	3.3	3.0	0	21
22					0	0	2.1	0	8.5	3.3	3.0	0	22
23					0	0	0	0	8.5	3.3	3.0	0	23
24					0	0	2.3	0	8.5	6.7	3.0	0	24
25					0	0	3.1	0	8.5	8.0	3.0	0	25
26					0	0	0.8	0	8.5	5.2	3.0	0	26
27					1.6	0	0	0	8.5	5.2	5.6	0	27
28					3.1	0	0	0	2.1	5.2	8.5	0	28
29					0	0	0	0	0	5.2	8.5	0	29
30					0	3.5	0	0	0	5.2	8.5	0	30
31					0	4.7	0	0	0	5.2	8.5	0	31
MEAN					3.1	4.7	7.8	3.3	8.5	8.7	8.5	8.5	MEAN
MAX.					0	0	0	0	0	0	3.0	0	MAX.
MIN.					9	18	213	12	145	155	277	111	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 9<sup>0</sup>0

Table B-22 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0	0	0	0			1
2							0	0	0	2.7			2
3							0	0	0	3.6			3
4							0	0.9	0	3.6			4
5							0	2.8	0	3.6			5
6							0	2.8	0	3.6			6
7							0	5.5	0	3.6			7
8							0	6.4	0	2.4			8
9							0	6.4	0	0			9
10							0	6.4	0	0			10
11							0	6.4	0	0			11
12	N	N	N	N	N	N	0	5.5	0	0	N	N	12
13	O	O	O	O	O	O	0	3.6	0	0	O	O	13
14							0	3.6	0	0			14
15							0	2.3	0	0			15
16	F	F	F	F	F	F	0	0	0	0	F	F	16
17	L	L	L	L	L	L	0	0	0	0	L	L	17
18	O	O	O	O	O	O	1.6	0	0	0	O	O	18
19	W	W	W	W	W	W	5.2	0	0	0	W	W	19
20							6.4	0	0	0			20
21							6.4	0	0	0			21
22							6.4	0	0	0			22
23							4.0	0	0	0			23
24							1.0	0	0.9	0			24
25							0	0	2.8	0			25
26							0	0	2.8	0			26
27							0	0	2.8	0			27
28							0	0	2.8	0			28
29							0	0	2.8	0			29
30							0	0	1.9	0			30
31							0	0	0	0			31
MEAN							6.4	6.4	2.8	3.6			MEAN
MAX.							0	0	0	0			MAX.
MIN.							61	104	33	46			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 294

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	6.3		1
2										0	6.3		2
3										0	6.3		3
4										0	6.3		4
5										0	2.1		5
6										0	0		6
7										0	0		7
8										2.7	0		8
9										5.4	0		9
10										6.3	0		10
11										6.3	0		11
12	N	N	N	N	N	N	N	N	N	6.3	0	N	12
13	O	O	O	O	O	O	O	O	O	6.3	0	O	13
14										4.8	0		14
15										2.7	0		15
16	F	F	F	F	F	F	F	F	F	2.7	0	F	16
17	L	L	L	L	L	L	L	L	L	0.9	0	L	17
18	O	O	O	O	O	O	O	O	O	0	2.4	O	18
19	W	W	W	W	W	W	W	W	W	0	3.6	W	19
20										0	3.6		20
21										0	5.8		21
22										0	6.3		22
23										0	6.3		23
24										3.9	5.1		24
25										6.3	2.7		25
26										6.3	2.7		26
27										6.3	2.7		27
28										6.3	2.7		28
29										6.3	1.6		29
30										6.3	0		30
31										6.3	0		31
MEAN										6.3	6.3		MEAN
MAX.										0	0		MAX.
MIN.										183	144		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 327

Table B-23

MATHEWS DITCH

Point of Diversion: 12 miles below McKay Point on the north bank of St. Johns River in the NE 1/4, Section 23, T18S, R25E, M08&M.

Maximum Diversion Capacity: 40 cfs.

Location: 0.25 mile below head of ditch in the NW 1/4, Section 23, T18S, R25E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by current meter measurements; replaced by Parshall flume in 1936. This was used through the 1938 season, then open-channel section until December 1948 when a 42-inch Calco metergate was installed with a differential recorder just below head of ditch.

Operating Agency: Mathews Ditch Company.

Gross Service Area: 2,500 acres.

Period of Record: Intermittent during the years 1920, 1937 and 1938; no record during the years 1918, 1919 and 1923; continuous from May 2 to September 30, 1917, October 1, 1920 to September 30, 1922, October 1, 1923 to September 30, 1936 and from October 1, 1938 to current year.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	30			1
2									0	30			2
3									0	30			3
4									0	30			4
5									0	30			5
6									0	30			6
7									0	30			7
8									0	29			8
9									0	29			9
10									0	28			10
11									0	27			11
12	N	N	N	N	N	N	N	N	0	25	N	N	12
13	O	O	O	O	O	O	O	O	0	21	O	O	13
14									11	27			14
15									17	28			15
16	F	F	F	F	F	F	F	F	17	31	F	F	16
17	L	L	L	L	L	L	L	L	17	26	L	L	17
18	O	O	O	O	O	O	O	O	19	23	O	O	18
19	W	W	W	W	W	W	W	W	22	29	W	W	19
20									23	28			20
21									24	25			21
22									25	30			22
23									25	32			23
24									25	33			24
25									24	32			25
26									27	27			26
27									27	0			27
28									28	0			28
29									30	0			29
30									30	0			30
31									0	0			31
MEAN													MEAN
MAX.									30	33			MAX.
MIN.									0	0			MIN.
AC. FT.									776	1468			AC. FT.

Total Acre-Feet 2244



Table B-23 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	15	13	18	18	15	28	15	1
2					0	18	13	18	18	15	25	16	2
3					0	18	13	18	21	15	21	16	3
4					0	24	13	18	23	15	21	17	4
5					0	25	13	18	23	15	23	17	5
6					0	23	13	18	23	14	16	6	6
7					0	22	16	18	24	11	16	2	7
8					0	21	18	18	25	10	16	2	8
9					0	20	18	18	23	11	16	2	9
10					0	20	18	18	21	11	16	2	10
11					0	20	18	18	21	10	16	2	11
12	N	N	N	N	0	21	18	18	21	10	16	2	12
13	O	O	O	O	0	21	18	18	22	10	16	1	13
14					0	20	17	18	21	16	16	7	14
15					0	20	17	18	21	23	15	17	15
16	F	F	F	F	0	21	17	18	20	23	15	20	16
17	L	L	L	L	0	21	16	18	18	23	15	20	17
18	O	O	O	O	0	22	16	18	18	23	14	20	18
19	W	W	W	W	0	22	16	18	18	23	13	20	19
20					0	18	16	18	17	23	13	19	20
21					0	18	16	18	16	23	11	20	21
22					0	18	16	18	16	23	14	20	22
23					0	19	16	17	15	22	16	20	23
24					25	19	16	17	15	21	16	20	24
25					25	20	17	18	15	17	15	20	25
26					25	21	18	18	22	15	15	18	26
27					25	21	18	18	29	15	15	17	27
28					22	22	18	18	29	15	15	17	28
29						23	18	18	29	15	15	17	29
30						23	18	18	22	15	14	18	30
31						24		18		15	15		31
MEAN					25	25	18	18	29	23	28	20	MEAN
MAX.					0	15	13	17	15	10	11	1	MAX.
MIN.					242	1269	968	1103	1238	1016	1008	813	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7657

Table B-23 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	18	18			0	0	11	20	24	29	22		1
2	18	18			0	0	12	20	24	26	23		2
3	24	18			0	0	13	20	24	25	24		3
4	24	18			0	0	13	20	24	25	26		4
5	24	18			0	0	13	23	22	25	26		5
6		24			0	0	13	24	22	25	26		6
7	25	18			0	0	13	24	23	25	26		7
8	25	18			0	0	13	24	24	25	24		8
9	25	18			0	0	13	24	24	25	20		9
10	25	14			0	0	15	24	24	26	15		10
11	25	9			0	0	17	24	24	25	10		11
12	25	0	N	N	0	0	17	23	24	25	6	N	12
13	25	0	O	O	0	0	18	22	24	25	0	O	13
14	25	0			10	7	18	22	24	25	0		14
15	25	0			15	11	18	22	24	25	0		15
16	25	0			15	11	18	22	25	25	0		16
17	26	0	F	F	15	11	17	22	25	25	0	F	17
18	26	0	L	L	11	11	17	22	25	25	0	L	18
19	25	0	O	O	10	11	16	22	25	25	0	O	19
20	25	0	W	W	7	12	16	22	25	25	0	W	20
21	25	0			5	11	21	22	26	27	0		21
22	24	0			8	12	24	25	26	27	0		22
23	24	0			8	12	24	25	27	27	0		23
24	24	0			7	13	23	26	28	27	0		24
25	24	0			5	14	23	26	29	27	0		25
26	18	0			5	17	23	26	29	27	0		26
27	18	0			3	18	21	26	29	27	0		27
28	18	0			0	18	20	26	29	21	0		28
29	18	0				15	20	28	29	21	0		29
30	18	0				12	20	27	29	21	0		30
31	18	0				11		25		22	0		31
MEAN													MEAN
MAX.	26	18			15	18	24	28	29	27	26		MAX.
MIN.	18	0			0	0	11	20	22	21	0		MIN.
AC. FT.	1414	367			246	450	1031	1444	1509	1547	492		AC. FT.

Total Acre-Feet 8500

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				4	18	19	27	18	20	18	22	16	1
2				8	18	18	26	17	20	17	21	19	2
3				8	18	18	26	17	20	16	20	19	3
4				8	18	18	25	17	20	15	20	19	4
5				9	18	18	23	18	20	16	21	13	5
6				10	18	18	7	22	20	17	21	10	6
7				11	18	18	0	22	20	19	21	10	7
8				16	18	18	0	22	20	20	21	10	8
9				17	18	18	7	22	20	20	22	14	9
10				14	18	18	18	22	20	17	22	14	10
11				11	18	18	18	21	21	16	22	14	11
12	N	N	N	8	18	18	18	21	22	13	22	14	12
13	O	O	O	8	18	18	18	21	21	13	22	14	13
14				4	18	19	18	21	21	13	22	14	14
15				10	19	20	18	20	21	13	20	14	15
16	F	F	F	9	18	20	18	20	21	13	19	14	16
17	L	L	L	9	15	20	19	20	22	16	19	7	17
18	O	O	O	9	12	20	19	20	22	18	17	0	18
19	W	W	W	10	15	20	19	20	21	18	20	0	19
20				10	15	20	19	19	21	18	19	0	20
21				11	15	20	23	19	21	18	19	0	21
22				13	15	20	23	20	21	19	19	0	22
23				13	15	20	18	19	22	19	19	0	23
24				13	15	19	18	19	20	19	19	0	24
25				13	15	19	18	19	19	20	24	0	25
26				13	19	19	18	19	19	21	25	0	26
27				13	19	19	18	19	19	21	25	0	27
28				12	19	19	18	19	18	21	25	0	28
29				12	19	19	18	19	17	21	24	0	29
30				15	19	19	18	19	19	22	17	0	30
31				18	19	19		19		22	16	0	31
MEAN													MEAN
MAX.				18	19	20	27	22	22	22	25	19	MAX.
MIN.				4	12	18	0	17	17	13	16	0	MIN.
AC. FT.				672	986	1162	1057	1210	1206	1089	1279	466	AC. FT.

Total Acre-Feet 9127

Table B-24

UPHILL DITCH

Point of Diversion: 15 miles below McKay Point on the north bank of St. Johns River in the NW 1/4, Section 21, T18S, R25E, MDB&M.

Maximum Diversion Capacity: 60 cfs.

Location: Prior to December 1939, 700 feet below head of ditch in the NW 1/4, Section 21, T18S, R25E, MDB&M; since December 1939, 100 yards below ditch head in same section.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements; replaced by Parshall Flume in 1938 which was used until December 1939; after December 1939, open-channel section rated by current meter with a water-stage recorder in operation. An 8-foot Parshall flume was installed in 1958.

Operating Agency: Uphill Ditch Company.

Gross Service Area: 3,500 acres.

Period of Record: Intermittent during the years 1918 and 1920; no record during the years 1919 and 1923; continuous from May 3 to September 30, 1917, October 1, 1920 to September 30, 1922 and April 12, 1924 to current year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									0				7
8									0				8
9									0				9
10									0				10
11									0				11
12	N	N	N	N	N	N	N	N	0	N	N	N	12
13	O	O	O	O	O	O	O	O	0	O	O	O	13
14									36				14
15									44				15
16	F	F	F	F	F	F	F	F	43	F	F	F	16
17	L	L	L	L	L	L	L	L	42	L	L	L	17
18	O	O	O	O	O	O	O	O	42	O	O	O	18
19	W	W	W	W	W	W	W	W	42	W	W	W	19
20									42				20
21									42				21
22									41				22
23									41				23
24									41				24
25									40				25
26									40				26
27									40				27
28									41				28
29									35				29
30									11				30
31													31
MEAN									44				MEAN
MAX.									0				MAX.
MIN.									1315				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1315

Table B-24 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN MAX. MIN. AC. FT.													MEAN MAX. MIN. AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	23	12	22	33	38	35	27	35	36	1
2			0	35	12	22	33	42	41	27	35	37	2
3			0	36	9	22	36	43	46	28	35	37	3
4			0	0	0	25	38	43	48	30	34	37	4
5			0	0	0	25	38	42	48	30	35	37	5
6			0	0	13	21	38	42	48	31	34	37	6
7			0	0	15	21	37	43	49	35	34	35	7
8			0	0	23	21	36	43	54	35	37	35	8
9			0	0	28	22	37	43	59	33	37	37	9
10			0	0	29	23	37	43	64	33	34	37	10
11			0	9	25	24	38	43	66	35	35	37	11
12	N	N	0	29	22	24	38	43	66	35	35	36	12
13	O	O	0	36	23	24	38	42	65	34	35	35	13
14			0	24	23	23	38	42	64	34	35	35	14
15			0	36	23	24	38	43	64	34	34	34	15
16	F	F	0	41	22	24	34	43	63	34	33	34	16
17	L	L	0	45	23	29	36	43	62	34	34	34	17
18	O	O	0	52	23	31	40	51	63	34	35	35	18
19	W	W	0	50	23	31	38	51	58	35	35	35	19
20			0	47	23	31	37	46	47	34	35	34	20
21			0	43	23	30	38	42	46	34	34	34	21
22			0	42	23	28	38	42	46	34	34	34	22
23			0	41	24	27	38	36	45	33	36	34	23
24			0	29	24	27	37	36	45	35	36	34	24
25			0	13	24	28	36	37	44	36	36	33	25
26			0	13	24	29	38	34	44	35	36	33	26
27			0	13	24	30	40	34	42	35	37	33	27
28			0	12	23	38	40	34	41	34	37	34	28
29			0	12	38	38	40	33	34	36	37	34	29
30			5	12	40	38	35	35	29	36	37	34	30
31			31	12	38	38	35	35	36	36	36	36	31
MEAN MAX. MIN. AC. FT.			31 0 71	52 0 1398	29 0 1111	40 21 1670	40 33 2218	51 34 2513	66 29 3027	36 27 2055	37 33 2166	37 33 2085	MEAN MAX. MIN. AC. FT.

Total Acre-Feet 18314

Table B-24 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	34	0		0	18	28	29	38	32	30			1
2	35	16		0	18	2	30	37	32	30			2
3	35	17		0	20	0	30	37	31	30			3
4	34	17		0	20	0	30	37	31	30			4
5	34	17		0	27	0	30	37	31	30			5
6	34	17		0	32	0	30	37	35	30			6
7	34	17		0	32	0	30	37	36	30			7
8	34	17		0	32	0	32	37	35	30			8
9	34	17		0	32	0	34	37	34	30			9
10	34	16		0	31	0	35	36	35	30			10
11	34	16		0	30	0	35	33	34	30			11
12	34	9		0	28	0	34	33	34	30			12
13	34	3	N	0	30	0	34	32	34	29	N	N	13
14	35	3	O	0	28	0	36	32	34	29			14
15	35	0		0	31	0	35	32	34	28			15
16	35	0	F	0	31	0	34	33	34	29	F	F	16
17	35	0	L	0	31	0	35	33	34	28	L	L	17
18	35	0	O	0	31	0	36	34	34	30	O	O	18
19	35	0		0	31	0	37	34	33	30			19
20	34	0		12	31	0	36	33	34	30			20
21	35	0		20	31	0	36	33	35	30			21
22	34	0		19	31	0	36	33	35	31			22
23	34	0		18	31	0	37	33	35	31			23
24	35	0		18	31	0	38	34	35	30			24
25	34	0		18	31	0	38	34	34	30			25
26	0	0		18	31	0	38	34	34	30			26
27	0	0		18	31	10	39	34	35	30			27
28	0	0		18	29	24	39	34	35	16			28
29	0	0		18	29	29	39	32	31	0			29
30	0	0		18	28	28	39	32	30	0			30
31	0	0		18	28	28	31	31	0	0			31
MEAN													MEAN
MAX.	35	17		20	32	29	39	38	36	31			MAX.
MIN.	0	0		0	18	0	29	31	30	0			MIN.
AC. FT.	1706	361		422	1607	296	2065	2108	2003	1628			AC. FT.

Total Acre-Feet 12196

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	25	31	41	41	37	41	32	38	1
2				0	25	30	41	42	37	41	32	35	2
3				3	25	30	41	41	36	39	33	34	3
4				9	25	29	41	41	33	36	33	29	4
5				8	27	27	41	41	31	34	33	28	5
6				8	29	29	41	41	31	31	33	28	6
7				9	29	30	37	40	32	30	33	27	7
8				8	28	29	34	40	32	29	34	29	8
9				8	28	29	34	39	33	29	35	29	9
10				9	28	28	34	40	29	29	35	28	10
11				10	28	28	37	40	28	28	36	28	11
13	N	N	N	9	28	28	38	41	33	28	42	28	12
13	O	O	O	9	30	28	38	41	39	29	44	28	13
14				9	31	28	38	41	41	30	45	28	14
15				8	32	29	38	40	42	30	45	28	15
16	F	F	F	13	31	29	38	42	45	31	45	28	16
17	L	L	L	17	31	29	42	42	47	29	45	15	17
18	O	O	O	18	31	29	43	43	45	28	44	0	18
19	W	W	W	18	30	29	43	41	42	28	43	0	19
20				18	31	36	43	39	40	27	43	0	20
21				18	28	39	43	38	36	27	43	0	21
22				18	28	41	43	37	36	28	42	0	22
23				18	28	41	43	36	36	29	42	0	23
24				19	27	38	43	36	35	29	42	0	24
25				21	25	35	43	36	34	29	42	0	25
26				21	28	36	43	37	34	29	42	0	26
27				21	30	38	43	37	37	20	42	0	27
28				21	31	41	43	37	39	29	42	0	28
29				19	31	41	40	38	39	31	42	0	29
30				20	31	41	41	37	40	33	42	0	30
31				22	41	41	41	37	32	32	42	0	31
MEAN													MEAN
MAX.				22	32	41	43	42	47	41	45	38	MAX.
MIN.				0	25	28	34	36	28	27	32	0	MIN.
AC. FT.				811	1642	2017	2396	2424	2180	1888	2436	968	AC. FT.

Total Acre-Feet 16762

Table B-25

MODOC DITCH

Point of Diversion: On the south bank of St. Johns River, 15.5 miles below McKay Point in the NE 1/4, Section 20, T18S, R25E, MDB&M.

Maximum Diversion Capacity: 70 cfs.

Location: 400 feet below head of ditch in the NE 1/4, Section 20, T18S, R25E, MDB&M.

Gage: Open-channel, staff gage and water-stage recorder rated by current meter measurements; replaced by Parshall flume in 1938.

Operating Agency: Modoc Ditch Company.

Gross Service Area: 6,525 acres.

Period of Record: Intermittent during the year 1921; no record during the years 1919, 1922 and 1923; continuous from May 2, 1917 to September 30, 1918, October 1, 1919 to September 30, 1920 and October 1, 1923 to current year.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes 2213 acre-feet of Jennings Ditch Company water and 635 acre-feet of St. Johns Ditch Company water that could not be run because of low water in the St. Johns River.								0	71			1
2									0	77			2
3									0	77			3
4									0	77			4
5									0	77			5
6									0	78			6
7									0	76			7
8									0	71			8
9									0	74			9
10									0	74			10
11									30	73			11
12	N	N	N	N	N	N	N	N	59	74	N	N	12
13	O	O	O	O	O	O	O	O	53	75	O	O	13
14									60	67			14
15									71	38			15
16	F	F	F	F	F	F	F	F	72	0	F	F	16
17	L	L	L	L	L	L	L	L	73	0	L	L	17
18	O	O	O	O	O	O	O	O	73	0	O	O	18
19	W	W	W	W	W	W	W	W	69	0	W	W	19
20									69	0			20
21									69	0			21
22									68	0			22
23									65	0			23
24									68	0			24
25									59	0			25
26									56	0			26
27									56	0			27
28									61	0			28
29									59	0			29
30									70	0			30
31										0			31
MEAN									73	78			MEAN
MAX.									0	0			MAX.
MIN.									2499	2140			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4639

Table B-25 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				53	0	52	41	43	53	74	72	80	1
2	Includes water from Jennings Ditch Right.		0	52	0	52	40	43	51	73	75	74	2
3			0	50	0	48	43	43	51	72	79	72	3
4			0	8	0	40	43	43	51	70	77	71	4
5			0	2	0	25	43	43	52	66	74	71	5
6			0	1	0	28	44	42	52	65	74	69	6
7			0	0	9	41	43	42	52	65	74	69	7
8			0	0	32	48	42	43	52	67	74	67	8
9			0	0	40	56	43	43	52	67	75	58	9
10			0	7	44	48	43	45	58	71	77	51	10
11				31	41	49	45	48	59	70	79	50	11
12	N	N	0	44	43	45	46	49	61	64	80	48	12
13	O	O	0	59	43	49	46	47	66	65	74	48	13
14			0	5	41	51	46	48	67	66	70	48	14
15			0	19	38	55	46	47	68	66	61	43	15
16	F	F	0	51	38	55	48	48	71	65	61	38	16
17	L	L	0	68	41	55	48	49	78	65	72	38	17
18	O	O	0	65	47	55	48	52	80	72	74	35	18
19	W	W	0	57	49	55	48	58	80	73	74	36	19
20			0	51	53	51	48	60	83	77	71	37	20
21			0	49	55	48	49	60	86	78	70	37	21
22			0	50	60	45	49	63	85	79	71	37	22
23			0	47	56	42	49	66	84	76	78	37	23
24			0	26	54	43	53	68	83	68	79	37	24
25			0	0	54	45	56	68	84	74	79	37	25
26			0	0	55	47	52	69	88	69	79	37	26
27			0	0	54	47	49	69	88	65	81	38	27
28			0	0	53	49	49	69	87	65	82	38	28
29			1	0	52	49	49	63	88	72	82	38	29
30			29	0	50	50	47	61	82	74	84	38	30
31			50	0	46	46		59		73	82		31
MEAN			50	68	60	55	56	69	88	79	84	80	MEAN
MAX.			0	0	0	25	40	42	51	64	61	35	MAX.
MIN.			159	1577	1984	2920	2769	3275	4149	4296	4629	2930	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 28688

Table B-25 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	38	26	Includes 1369 acre- feet of water from Jennings Ditch entitlement	0	19	16	14	29	48	59	75		1
2	31	31		0	25	19	14	26	50	65	72		2
3	28	34		0	27	21	14	30	50	62	68		3
4	27	34		0	27	21	14	33	55	62	31		4
5	27	29	0	28	21	14	32	55	63	0		5	
6				0	29	16	14	32	56	63	0		6
7	27	27		0	30	14	14	32	60	61	0		7
8	25	22		0	30	4	15	37	66	61	0		8
9	23	22		0	25	4	25	38	69	61	0		9
10	27	21		0	21	4	28	32	72	63	0		10
11	27	13		0	20	4	29	39	72	68	0		11
12	27	2	N	0	20	2	37	39	72	65	0	N	12
13	28	1	O	0	19	0	45	29	70	67	0	O	13
14	28	1		0	19	0	48	35	68	56	0		14
15	28	0		0	20	0	45	39	67	68	0		15
16	28	0	F	0	19	0	35	41	67	72	0	F	16
17	28	0	L	14	19	0	42	41	61	70	0	L	17
18	28	0	O	24	19	0	48	43	70	73	0	O	18
19	27	0	W	28	19	0	48	40	66	71	0	W	19
20	27	0		28	19	0	46	40	64	65	0		20
21	27	0		28	20	0	45	40	61	65	0		21
22	27	0		27	20	0	46	40	61	70	0		22
23	27	0		26	19	0	40	39	61	70	0		23
24	31	0		23	19	0	41	39	61	84	0		24
25	17	0		20	19	0	38	40	61	83	0		25
26	0	0		17	18	0	38	41	64	73	0		26
27	0	0		21	18	0	38	41	62	72	0		27
28	0	0		20	17	0	35	41	61	73	0		28
29	0	0		20	21	28	42	61	67	67	0		29
30	0	0		18	18	28	41	59	64	64	0		30
31	20			17		14		41		72	0		31
MEAN													MEAN
MAX.	38	34		28	30	21	48	43	72	84	75		MAX.
MIN.	0	0		0	17	0	14	26	48	56	0		MIN.
AC. FT.	1398	575		657	1198	395	1918	2285	3709	4142	468		AC. FT.

Total Acre-Feet 16765

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	28	26	49	40	42	75	76	70	1
2				0	27	23	50	41	42	75	74	66	2
3				0	28	18	51	40	43	72	74	64	3
4				10	27	16	51	37	45	67	74	63	4
5				16	28	15	48	35	46	67	74	60	5
6				14	28	15	42	33	52	66	76	61	6
7				16	28	15	42	32	53	66	82	58	7
8				15	28	15	37	32	53	70	91	58	8
9				16	28	15	52	32	56	65	87	55	9
10				36	28	14	72	32	59	61	85	43	10
11				34	28	13	74	32	65	61	85	40	11
12	N	N	N	35	28	13	34	32	69	61	79	40	12
13	O	O	O	44	31	21	25	32	70	65	77	39	13
14				51	34	23	25	35	71	67	76	38	14
15				47	32	22	25	35	76	69	74	38	15
16	F	F	F	49	26	22	25	38	72	68	74	38	16
17	L	L	L	48	26	22	33	40	70	68	70	25	17
18	O	O	O	33	25	23	35	40	67	70	65	4	18
19	W	W	W	30	25	23	36	40	61	71	62	0	19
20				28	28	24	36	40	61	70	62	0	20
21				27	28	27	38	45	61	70	62	0	21
22				25	21	29	42	47	61	71	67	0	22
23				23	24	29	45	47	63	72	76	0	23
24				23	26	29	46	46	63	75	80	0	24
25				29	29	31	46	46	65	77	80	0	25
26				34	31	37	46	42	71	77	79	0	26
27				30	30	39	45	33	71	78	79	0	27
28				27	30	38	40	30	71	77	80	0	28
29				24	28	37	39	30	72	77	76	0	29
30				26		37	40	35	76	77	74	0	30
31				28		41		41		77	73	0	31
MEAN													MEAN
MAX.				51	34	41	74	47	76	78	91	70	MAX.
MIN.				0	21	13	25	30	42	61	62	0	MIN.
AC. FT.				1623	1603	1492	2517	2301	3664	4330	4647	1712	AC. FT.

Total Acre-Feet 23889



Table B-25a

MODOC DITCH (a)

Point of Diversion: On the south bank of St. Johns River, 15.5 miles below McKay Point in the NE 1/4, Section 20, T18S, R25E, MDB&M.

Maximum Diversion Capacity: 70 cfs.

Location: 400 feet below head of ditch in the NE 1/4, Section 20, T18S, R25E, MDB&M.

Gage: Open-channel, staff gage and water-stage recorder rated by current meter measurements; replaced by Parshall flume in 1938.

Operating Agency: Modoc Ditch Company.

Gross Service Area: 6,525 acres.

Period of Record: Intermittent during the year 1921; no record during the years 1919, 1922 and 1923; continuous from May 2, 1917 to September 30, 1918, October 1, 1919 to September 30, 1920 and October 1, 1923 to current year.

Remarks: Water from Jennings Ditch entitlement.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		MODOC DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	75		1
2										0	72		2
3										0	68		3
4										0	31		4
5										0	0		5
6										0	0		6
7										0	0		7
8										0	0		8
9										0	0		9
10										0	0		10
11										0	0		11
12	N	N	N	N	N	N	N	N	N	0	0	N	12
13	O	O	O	O	O	O	O	O	O	0	0	O	13
14										0	0		14
15										0	0		15
16	F	F	F	F	F	F	F	F	F	0	0	F	16
17	L	L	L	L	L	L	L	L	L	0	0	L	17
18	O	O	O	O	O	O	O	O	O	0	0	O	18
19	W	W	W	W	W	W	W	W	W	0	0	W	19
20										0	0		20
21										0	0		21
22										0	0		22
23										0	0		23
24										0	0		24
25										23	0		25
26										73	0		26
27										72	0		27
28										72	0		28
29										67	0		29
30										64	0		30
31										72	0		31
MEAN													MEAN
MAX.										73	75		MAX.
MIN.										0	0		MIN.
AC. FT.										881	488		AC. FT.

Total Acre-Feet 1369

Table B-26

ST. JOHNS DITCH

Point of Diversion: 17.5 miles below McKay Point on the south bank of St. Johns River in the southwest corner of the NE 1/4, Section 18, T18S, R25E, MDB&M.

Maximum Diversion Capacity: Approximately 15 cfs.

Location: 50 feet below head of ditch.

Gage: Open-channel section with bridge for making current meter measurements.

Operating Agency: St. Johns Ditch Company.

Gross Service Area: 950 acres.

Period of Record: 1958 to current year.

Remarks: Diversion is usually made by means of pump. Occasionally, when flow in the river is small, direct diversion is made. There are years when no diversions are made. Record is partly estimated.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									0				7
8									0				8
9									0				9
10									0				10
11									10.3				11
12	H	H	H	N	N	N	N	N	11.8	N	N	N	12
13	O	O	O	O	O	O	O	O	11.8	O	O	O	13
14									11.8				14
15									10.8				15
16	F	F	F	F	F	F	F	F	9.8	F	F	F	16
17	L	L	L	L	L	L	L	L	9.8	L	L	L	17
18	O	O	O	O	O	O	O	O	8.0	O	O	O	18
19	W	W	W	W	W	W	W	W	6.2	W	W	W	19
20									2.1				20
21									0				21
22									0				22
23									0				23
24									0				24
25									0				25
26									0				26
27									0				27
28									0				28
29									0				29
30									0				30
31									0				31
MEAN									11.8				MEAN
MAX.									0				MAX.
MIN.									183				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 183

Table B-26 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	10.6	9.2	11.7	13.8	12.6	14.0	1
2						0	10.6	9.2	11.7	13.8	12.6	14.0	2
3						0	10.6	9.2	11.7	13.8	12.6	14.0	3
4						0	10.6	9.2	11.7	13.8	12.6	14.0	4
5						0	10.6	9.2	11.7	13.8	12.6	14.0	5
6						0	10.6	9.2	11.7	13.8	12.6	14.0	6
7						0	9.1	9.2	11.7	13.8	12.6	14.0	7
8						0	7.5	11.3	11.7	13.8	12.6	14.0	8
9						0	7.5	13.4	11.7	13.8	12.6	14.0	9
10						0	7.5	13.4	11.7	13.8	12.6	14.0	10
11						0	7.5	13.4	11.7	11.6	12.6	14.0	11
12	N	N	N	N	N	0	7.5	13.4	11.7	9.4	12.6	14.0	12
13	O	O	O	O	O	0	7.5	13.4	11.7	9.4	12.6	14.0	13
14						0	7.5	13.4	11.7	9.4	12.6	14.0	14
15						0	7.5	13.4	11.7	9.4	12.6	14.0	15
16	F	F	F	F	F	0	7.5	13.4	11.7	9.4	13.3	14.0	16
17	L	L	L	L	L	0	7.5	13.4	11.7	9.4	14.0	14.0	17
18	O	O	O	O	O	0	7.5	13.4	11.7	9.4	14.0	14.0	18
19						5.0	7.5	13.4	12.5	9.4	14.0	14.0	19
20						7.1	7.5	13.4	13.8	9.4	14.0	14.0	20
21						9.2	7.5	13.4	13.8	9.4	14.0	14.0	21
22						9.2	7.5	13.4	13.8	9.4	14.0	14.0	22
23						9.2	7.5	13.4	13.8	9.4	14.0	14.0	23
24						9.2	7.5	12.0	13.8	9.4	14.0	14.0	24
25						9.2	9.2	11.7	13.8	9.4	14.0	14.0	25
26						9.2	9.2	11.7	13.8	9.4	14.0	14.0	26
27						9.9	9.2	11.7	13.8	11.0	14.0	14.0	27
28						10.6	9.2	11.7	13.8	12.6	14.0	14.0	28
29						10.6	9.2	11.7	13.8	12.6	14.0	14.0	29
30						10.6	9.2	11.7	13.8	12.6	14.0	14.0	30
31						10.6	10.6	11.7	13.8	12.6	14.0	14.0	31
MEAN						10.6	10.6	13.4	13.8	13.8	14.0	14.0	MEAN
MAX.						0	7.5	11.7	11.7	11.7	12.6	14.0	MAX.
MIN.						237	507	735	744	744	818	649	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4388

Table B-26 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.6				0	10.4	12.4	12.3	12.3	10.8			1
2	8.6				0	10.4	12.4	12.3	12.3	10.8			2
3	8.6				0	10.4	12.4	12.3	12.3	10.8			3
4	8.6				0	10.4	11.3	12.3	12.3	10.8			4
5	8.6				8.2	5.2	10.2	12.3	12.3	10.8			5
6	8.6				12.3	0	10.2	12.3	12.3	10.8			6
7	8.6				12.3	0	10.2	12.3	12.3	10.8			7
8	8.6				12.3	0	10.2	12.3	12.3	10.8			8
9	8.6				12.3	0	10.2	12.3	12.3	10.8			9
10	8.6				12.3	0	10.2	12.3	12.3	10.8			10
11	8.6				12.3	0	10.2	12.3	12.3	10.8			11
12	8.6				12.3	0	10.2	12.3	12.3	9.7			12
13	8.6	N		N	0	0	10.2	12.3	12.3	8.5	N	N	13
14	8.6	O		O	10.4	0	10.2	12.3	12.3	8.5	O	O	14
15	8.6				10.4	0	10.2	12.3	12.3	8.5			15
16	8.6	F		F	10.4	0	10.2	12.3	10.8	8.5	F	F	16
17	8.6	L		L	10.4	0	10.2	12.3	10.8	8.5	L	L	17
18	8.6	O		O	10.4	0	10.2	12.3	10.8	8.5	O	O	18
19	8.6	W		W	10.4	0	10.2	12.3	10.8	8.5	W	W	19
20	8.6				10.4	0	10.2	12.3	10.8	8.5			20
21	8.6				10.4	0	10.2	12.3	10.8	8.5			21
22	8.6				10.4	0	10.2	12.3	10.8	8.5			22
23	8.6				10.4	0	10.2	12.3	10.8	2.8			23
24	2.9				10.4	0	10.2	12.3	10.8	0			24
25	0				10.4	0	10.2	12.3	10.8	0			25
26	0				10.4	0	10.2	12.3	10.8	0			26
27	0				10.4	8.3	10.2	12.3	10.8	0			27
28	0				10.4	12.4	10.2	12.3	10.8	0			28
29	0				0	12.4	11.2	12.3	10.8	0			29
30	0				0	12.4	12.3	12.3	10.8	0			30
31	0				0	12.4	12.3	12.3	10.8	0			31
MEAN													MEAN
MAX.	8.6				12.3	12.4	12.4	12.3	12.3	10.8			MAX.
MIN.	0				0	0	0	12.3	10.8	0			MIN.
AC. FT.	398				521	208	628	756	686	429			AC. FT.

Total Acre-Feet 3626

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	11.4	11.9	12.3	13.4	12.6	11.2	11.2	11.2	1
2				0	11.4	11.9	12.3	13.4	12.6	11.2	5.6	11.2	2
3				0	11.4	5.4	12.3	13.4	12.6	11.2	7.5	11.2	3
4				0	11.4	7.9	12.3	13.4	12.6	11.2	11.2	11.2	4
5				0	11.4	11.9	12.3	13.4	12.6	11.2	11.2	11.2	5
6				0	11.4	11.9	12.3	13.4	12.6	11.2	11.2	11.2	6
7				0	11.7	11.9	6.2	13.4	12.6	11.2	11.2	11.2	7
8				0	11.9	11.9	8.2	13.4	12.6	11.2	11.2	11.2	8
9				0	11.9	11.9	12.3	13.4	12.6	11.2	11.2	11.2	9
10				0	11.9	11.9	12.3	13.4	12.6	11.2	11.2	11.2	10
11				0	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	11
12	N			0	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	12
13	O	N		0	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	13
14		O		0	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	14
15				0	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	15
16				7.6	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	16
17	F			11.4	10.4	12.3	8.4	12.6	12.6	11.2	11.2	3.7	17
18	L	F		11.4	7.8	12.3	0	12.6	12.6	11.2	11.2	0	18
19	O	L		11.4	9.3	12.3	8.9	12.6	12.6	11.2	11.2	0	19
20	W	O		11.4	11.9	12.3	13.4	12.6	12.6	11.2	11.2	0	20
21				11.4	11.9	12.3	13.4	12.6	12.6	11.2	11.2	0	21
22				11.4	11.9	12.3	13.4	12.6	12.6	11.2	11.2	0	22
23				11.4	11.9	12.3	13.4	12.6	12.6	11.2	11.2	0	23
24				11.4	11.9	12.3	13.4	12.6	8.4	11.2	11.2	0	24
25				11.4	11.9	12.3	13.4	12.6	7.5	11.2	11.2	0	25
26				11.4	11.9	12.3	13.4	12.6	11.2	11.2	11.2	0	26
27				11.4	11.9	4.1	13.4	12.6	11.2	11.2	11.2	0	27
28				11.4	11.9	8.2	13.4	12.6	11.2	11.2	11.2	0	28
29				11.4	11.9	12.3	13.4	12.6	11.2	11.2	11.2	0	29
30				11.4	12.3	12.3	13.4	12.6	11.2	11.2	11.2	0	30
31				11.4	12.3	12.3	12.6	12.6	11.2	11.2	11.2	0	31
MEAN													MEAN
MAX.				11.4	11.9	12.3	13.4	13.4	12.6	11.2	11.2	11.2	MAX.
MIN.				0	7.8	4.1	0	12.6	7.5	11.2	5.6	0	MIN.
AC. FT.				354	662	703	697	791	717	689	670	363	AC. FT.

Total Acre-Feet 5646

Table B-27

GOSHEN DITCH

Point of Diversion: 19.5 miles below McKay Point on the south bank of St. Johns River near the southwest corner of the NE 1/4, Section 11, T18S, R24E, M08&M.

Maximum Diversion Capacity: Approximately 75 cfs.

Location: 100 feet below head of ditch.

Gage: Open-channel section with water-stage recorder and bridge for making current meter measurements.

Operating Agency: Goshen Ditch Company.

Gross Service Area: 5,550 acres.

Period of Record: 1958 to current year.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-27 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	1	27	7	28	22	0	30	10	1
2				0	1	24	7	28	22	2	31	10	2
3				0	1	21	6	26	23	8	34	10	3
4				0	1	18	12	31	26	9	33	10	4
5				0	1	15	12	30	28	10	33	10	5
6				0	1	13	12	28	28	12	32	10	6
7				0	1	15	14	30	29	14	29	10	7
8				0	1	16	15	30	30	17	29	10	8
9				0	8	16	15	30	31	21	29	10	9
10				0	18	14	15	31	31	25	29	10	10
11				0	21	9	17	28	31	26	29	10	11
12	N	N	N	0	19	8	16	28	31	26	27	10	12
13	O	O	O	0	16	8	13	21	30	26	20	10	13
14				0	19	8	12	20	30	26	20	10	14
15				0	17	13	11	17	29	26	19	10	15
16	F	F	F	0	13	15	11	12	28	26	19	10	16
17	L	L	L	7	15	14	10	14	27	26	19	10	17
18	O	O	O	6	18	14	11	15	26	26	19	10	18
19	W	W	W	4	16	14	12	13	26	26	21	10	19
20				3	25	9	9	11	22	26	22	10	20
21				3	27	8	13	15	15	26	11	10	21
22				3	26	6	13	17	15	30	0	10	22
23				3	26	9	18	16	19	28	0	10	23
24				3	27	7	18	18	20	28	0	10	24
25				2	27	8	24	19	20	29	0	10	25
26				2	27	10	22	23	21	30	0	10	26
27				2	27	10	20	21	23	30	0	10	27
28				2	26	11	21	20	25	27	0	10	28
29				2	10	10	21	21	16	27	0	10	29
30				2	12	12	23	22	5	29	5	10	30
31				1	9	9		22		30	11		31
MEAN				7	27	27	24	31	31	30.	34	10	MEAN
MAX.				0	1	6	6	11	5	0	0	10	MAX.
MIN.				89	845	776	853	1359	1446	1373	1093	595	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 8429

Table B-27 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10	10	Includes 1946 acre-feet of water from Jennings Ditch Entitlement	0	0	0	6	15	32	29			1
2	10	10		0	0	0	6	17	33	28			2
3	10	10		0	0	0	8	21	36	28			3
4	10	10		0	0	0	9	18	39	28			4
5	10	10		0	2	0	10	8	37	21			5
6	10	10		0	6	6	0	10	8	33	20		6
7	10	0		0	0	4	0	10	11	30	23		7
8	10	0		0	0	4	0	12	11	21	29		8
9	10	0		0	0	6	0	15	9	22	32		9
10	10	0		0	0	6	0	22	8	21	30		10
11	10	0		0	6	0	26	8	22	0			11
12	10	0	N	0	6	0	26	9	26	0	N	N	12
13	10	0	O	0	1	0	27	9	34	0	O	O	13
14	10	0		0	10	0	31	9	40	0			14
15	10	0		0	10	0	26	9	39	0			15
16	10	0	F	0	10	0	8	6	38	0	F	F	16
17	12	0	L	3	10	0	11	6	31	0	L	L	17
18	12	0	O	6	10	0	16	6	25	0	O	O	18
19	12	0	W	6	10	0	18	6	26	0	W	W	19
20	12	0		7	9	0	18	6	35	0			20
21	12	0		7	9	0	18	7	38	0			21
22	12	0		6	9	0	18	8	37	0			22
23	12	0		4	8	0	18	10	37	0			23
24	12	0		0	8	0	22	10	36	0			24
25	12	0		0	8	0	24	12	32	0			25
26	12	0		0	8	0	19	14	31	0			26
27	12	0		0	0	0	18	16	30	0			27
28	12	0		0	0	6	19	26	21	0			28
29	12	0		0	0	6	17	28	18	0			29
30	11	0		0	0	6	9	30	24	0			30
31	10	0		0	0	6	9	30	24	0			31
MEAN													MEAN
MAX.	12	10		7	10	6	31	30	40	32			MAX.
MIN.	10	0		0	0	0	6	6	18	0			MIN.
AC. FT.	668	119		77	317	48	936	776	1833	532			AC. FT.

Total Acre-Feet 5356

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	20	13	23	21	18	53	31	25	1
2			Includes 3006 acre feet of water from Jennings Ditch Entitlement	0	20	11	26	23	20	52	30	25	2
3				0	20	6	30	21	21	52	30	25	3
4				0	20	5	37	23	23	47	30	25	4
5				0	20	4	38	21	24	43	30	15	5
6					0	21	4	36	19	27	39	30	10
7				0	24	4	38	18	30	33	30	10	7
8				0	25	4	31	18	27	35	31	10	8
9				0	24	4	21	18	13	36	35	10	9
10				5	23	5	18	18	9	33	35	10	10
11				0	24	6	20	18	10	33	32	10	11
12	N	N	N	0	26	6	20	18	10	28	30	15	12
13	O	O	O	0	34	6	19	18	12	20	30	15	13
14				4	37	8	19	18	20	20	30	15	14
15				16	15	7	19	17	35	21	30	15	15
16	F	F	F	20	4	7	25	18	38	23	30	15	16
17	L	L	L	25	5	7	29	19	39	31	30	15	17
18	O	O	O	35	7	10	36	22	39	34	25	0	18
19	W	W	W	35	7	15	41	36	38	34	25	0	19
20				16	7	17	42	36	38	33	26	0	20
21				14	8	14	42	36	38	32	29	0	21
22				10	9	11	42	36	38	34	32	0	22
23				12	8	8	40	38	38	32	33	0	23
24				16	8	8	39	17	38	35	33	0	24
25				16	8	14	34	13	38	35	29	0	25
26				16	8	19	28	13	47	36	29	0	26
27				19	11	20	28	14	60	36	29	0	27
28				17	14	21	28	22	61	31	29	0	28
29				15	15	21	24	29	64	31	25	0	29
30				15	15	21	23	32	59	31	25	0	30
31				17	17	25	25	26		31	25	0	31
MEAN													MEAN
MAX.				35	37	25	42	38	64	53	35	25	MAX.
MIN.				0	4	4	18	13	9	20	25	0	MIN.
AC. FT.				641	936	657	1777	1381	1928	2110	1821	526	AC. FT.

Total Acre-Feet 11777

Table B-27a

GOSHEN DITCH (a)

Point of Diversion: 19.5 miles below McKay Point on the south bank of St. Johns River near the southwest corner of the NE 1/4, Section 11, T18S, R24E, MDB&M.

Maximum Diversion Capacity: Approximately 75 cfs.

Location: 100 feet below head of ditch.

Gage: Open-channel section with water-stage recorder and bridge for making current meter measurements.

Operating Agency: Goshen Ditch Company.

Gross Service Area: 5,550 acres.

Period of Record: 1958 to current year.

Remarks: Water from Jennings Ditch entitlement.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		GOSHEN DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									32	29			1
2									33	28			2
3									36	0			3
4									39	0			4
5									37	0			5
6									33	0			6
7									30	0			7
8									21	0			8
9									22	0			9
10									21	0			10
11									22	0			11
12	N	N	N	N	N	N	N	N	26	0	N	N	12
13	O	O	O	O	O	O	O	O	34	0	O	O	13
14									40	0			14
15									39	0			15
16	F	F	F	F	F	F	F	F	38	0	F	F	16
17	L	L	L	L	L	L	L	L	31	0	L	L	17
18	O	O	O	O	O	O	O	O	25	0	O	O	18
19	W	W	W	W	W	W	W	W	26	0	W	W	19
20									35	0			20
21									38	0			21
22									37	0			22
23									37	0			23
24									36	0			24
25									32	0			25
26									31	0			26
27									30	0			27
28									21	0			28
29									18	0			29
30									24	0			30
31										0			31
MEAN									40	29			MEAN
MAX.									18	0			MAX.
MIN.									1833	113			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1946



Table B-27a (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		GOSHEN DITCH(a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	31	25	1
2										0	30	25	2
3										0	30	25	3
4										0	30	25	4
5										0	30	15	5
6										0	30	10	6
7										0	30	10	7
8										0	31	10	8
9										0	35	10	9
10										0	35	10	10
11										0	32	10	11
12	N	N	N	N	N	N	N	N	N	0	30	15	12
13	O	O	O	O	O	O	O	O	O	0	30	15	13
14										0	30	15	14
15										0	30	15	15
16	F	F	F	F	F	F	F	F	F	0	30	15	16
17	L	L	L	L	L	L	L	L	L	0	30	15	17
18	O	O	O	O	O	O	O	O	O	0	25	0	18
19	W	W	W	W	W	W	W	W	W	0	25	0	19
20										0	26	0	20
21										0	29	0	21
22										34	32	0	22
23										32	33	0	23
24										35	33	0	24
25										35	29	0	25
26										36	29	0	26
27										36	29	0	27
28										31	29	0	28
29										31	25	0	29
30										31	25	0	30
31										31	25	0	31
MEAN													MEAN
MAX.										36	35	25	MAX.
MIN.										0	25	0	MIN.
AC. FT.										659	1821	526	AC. FT.

Total Acre-Feet 3006

Table 8-28

HARRELL RANCH - UPPER DIVERSION

Point of Diversion: On north side of St. Johns River, southwest of north 1/4 corner of Section 11, T18S, R24E, M08&M.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									0				7
8									0				8
9									0				9
10									0				10
11									24				11
12	N	N	N	N	N	N	N	N	46	N	N	N	12
13	O	O	O	O	O	O	O	O	46	O	O	O	13
14									46				14
15									46				15
16									25				16
17	F	F	F	F	F	F	F	F	0	F	F	F	17
18	L	L	L	L	L	L	L	L	0	L	L	L	18
19	O	O	O	O	O	O	O	O	0	O	O	O	19
20	W	W	W	W	W	W	W	W	0	W	W	W	20
21									0				21
22									0				22
23									0				23
24									0				24
25									0				25
26									0				26
27									0				27
28									0				28
29									0				29
30									0				30
31									0				31
MEAN									46				MEAN
MAX.									0				MAX.
MIN.									0				MIN.
AC. FT.									371				AC. FT.

Total Acre-Feet 371

Table B-28 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				58	0	17	75	76	37	34	31	0	1
2			0	66	0	17	71	77	37	32	23	20	2
3			0	63	0	17	73	78	36	28	17	22	3
4			0	16	0	17	76	78	33	32	17	32	4
5			0	0	0	17	78	78	27	32	18	32	5
6			0	0	0	47	81	78	40	31	18	32	6
7			0	0	0	59	81	78	77	36	0	20	7
8			0	0	0	56	81	78	95	34	0	18	8
9			0	0	0	49	81	78	88	34	6	18	9
10			0	0	51	53	81	78	89	34	0	18	10
11			0	0	43	55	81	78	89	34	0	18	11
12	N	N	0	0	8	56	84	78	87	33	0	22	12
13	O	O	0	0	8	55	85	78	89	33	0	38	13
14			0	0	21	52	85	78	93	33	0	47	14
15			0	0	41	48	86	77	97	33	0	45	15
16	F	F	0	0	23	49	89	74	97	33	0	44	16
17	L	L	0	76	14	49	89	74	97	31	0	44	17
18	O	O	0	96	12	49	89	74	97	30	0	44	18
19	W	W	0	94	8	49	89	65	91	30	0	45	19
20			0	89	7	49	87	55	91	29	0	45	20
21			0	86	9	48	84	55	91	27	0	41	21
22			0	86	10	53	87	35	90	39	0	40	22
23			0	86	10	65	89	35	90	38	0	40	23
24			0	0	10	50	78	36	91	33	0	40	24
25			0	0	17	73	66	40	91	33	0	39	25
26			0	0	18	79	76	38	90	33	0	38	26
27			0	0	19	74	76	38	89	33	0	37	27
28			0	0	18	73	76	37	85	33	0	37	28
29			0	0	0	74	76	37	52	33	0	38	29
30			23	0	0	74	76	37	35	33	0	38	30
31			46	0	0	78	76	37		31	0		31
MEAN			46	96	51	78	89	78	97	39	31	47	MEAN
MAX.			0	0	0	17	66	35	27	27	0	0	MAX.
MIN.			137	1619	748	3176	4812	3834	4544	2007	258	1968	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 23103

Table B-28 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	38	0			0	31	0	18	23				1
2	41	0			0	30	0	11	22				2
3	42	12			30	27	17	12	22				3
4	52	24			30	23	17	13	22				4
5	51	26			30	0	17	20	23				5
6	51	27			32	0	17	23	28				6
7	51	23			0	0	17	22	35				7
8	51	26			21	0	17	23	35				8
9	53	26			44	0	17	22	37				9
10	54	26			44	0	11	26	41				10
11	53	21			44	0	8	33	41				11
12	53	22	N	N	44	0	8	21	40	N	N	N	12
13	53	16	O	O	3	0	8	14	40	O	O	O	13
14	54	0			0	0	9	10	40				14
15	55	0			3	0	14	5	43				15
16	56	0	F	F	51	0	11	5	43	F	F	F	16
17	59	0	L	L	55	0	21	5	43	L	L	L	17
18	57	0	O	O	56	0	31	0	43	O	O	O	18
19	57	0	W	W	38	0	33	0	43	W	W	W	19
20	56	0			42	0	35	0	43				20
21	56	0			47	0	35	0	43				21
22	56	0			53	0	34	3	40				22
23	56	0			44	0	28	12	37				23
24	56	0			41	0	17	18	37				24
25	55	0			40	0	17	20	37				25
26	39	0			40	0	17	22	37				26
27	0	0			40	0	17	22	37				27
28	0	0			37	22	14	24	25				28
29	0	0				18	13	27	0				29
30	0	0				18	11	28	0				30
31	0	0				17		24	0				31
MEAN													MEAN
MAX.	59	27			56	31	35	33	43				MAX.
MIN.	0	0			0	0	0	0	0				MIN.
AC. FT.	2688	494			1803	369	1014	958	1984				AC. FT.

Total Acre-Feet 9310

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	31	23	17	22	17	26	17		1
2				0	31	23	17	21	18	27	18		2
3				0	31	21	17	18	18	27	17		3
4				0	32	20	22	18	18	25	12		4
5				0	32	19	22	18	18	22	11		5
6				0	32	19	21	18	19	20	11		6
7				0	32	19	29	18	23	17	10		7
8				0	32	19	29	18	24	19	8		8
9				0	32	19	32	19	24	21	7		9
10				0	32	18	29	18	24	21	7		10
11				0	31	17	27	16	24	21	9		11
12	N	N	N	0	30	23	25	17	25	22	16	N	12
13	O	O	O	0	30	27	25	17	24	21	19	O	13
14				7	30	23	25	23	24	20	20		14
15				15	30	25	23	24	23	20	20		15
16	F	F	F	29	31	26	22	24	23	20	23	F	16
17	L	L	L	25	31	26	22	23	22	20	24	L	17
18	O	O	O	25	30	26	22	23	22	20	9	O	18
19	W	W	W	23	29	26	23	24	21	20	3	W	19
20				22	31	26	26	25	20	20	0		20
21				21	30	26	26	26	20	16	0		21
22				21	27	27	26	23	20	16	0		22
23				21	23	26	28	18	20	16	0		23
24				21	22	26	30	19	20	16	0		24
25				20	21	26	30	22	20	11	0		25
26				20	21	26	29	19	20	11	0		26
27				18	21	27	30	19	20	11	0		27
28				18	22	24	27	18	21	11	0		28
29				18	23	21	25	16	24	16	0		29
30				22	21	21	23	17	25	16	0		30
31				31	18	18		16		16	0		31
MEAN													MEAN
MAX.				31	32	27	32	26	25	27	24		MAX.
MIN.				0	21	17	17	16	17	11	0		MIN.
AC. FT.				748	1646	1414	1486	1224	1271	1160	518		AC. FT.

Total Acre-Feet 9467

Table B-28a

HARRELL RANCH - LOWER DIVERSION

Point of Diversion: On the north side of St. Johns River, west of the south 1/4 corner of Section 34, T17S, R24E, MDB&M.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	16*	N	N	N	12
13	O	O	O	O	O	O	O	O		O	O	O	13
14									6*				14
15													15
16	F	F	F	F	F	F	F	F		F	F	F	16
17	L	L	L	L	L	L	L	L		L	L	L	17
18	O	O	O	O	O	O	O	O		O	O	O	18
19	W	W	W	W	W	W	W	W		W	W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-28a (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Based on intermittent gate opening and bead differential readings.

Partly estimated.

Water flowed past this station other days but was not measured so a complete recording was not possible.

12	N	N	N	N
13	O	O	O	O
16	F	F	F	F
17	L	L	L	L
18	O	O	O	O
19	W	W	W	W

22

18

26

34

N

O

F

L

O

W

Table B-28a (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	4	10	8	8	10				1
2				0	4	10	8	7	10				2
3				0	4	10	8	7	11				3
4				0	4	10	8	7	11				4
5				0	4	11	9	7	11				5
6				0	7	11	9	7	12				6
7				0	8	12	10	8	13				7
8				0	8	12	10	8	13				8
9				0	8	12	10	10	13				9
10				0	8	12	10	10	13				10
11				0	8	12	10	12	13				11
12	N	N	N	0	8	12	12	13	13	N	N	N	12
13	O	O	O	0	9	12	12	13	13	O	O	O	13
14				0	10	12	13	13	13				14
15				0	10	12	13	13	13				15
16				0	10	12	13	13	13				16
17	F	F	F	0	10	12	13	13	13	F	F	F	17
18	L	L	L	0	10	10	13	11	13	L	L	L	18
19	O	O	O	0	10	8	13	11	13	O	O	O	19
20	W	W	W	0	10	8	13	11	13	W	W	W	20
21				4	9	7	10	10	13				21
22				4	9	7	10	10	12				22
23				4	9	7	10	10	12				23
24				4	9	7	10	10	12				24
25				4	9	7	10	10	11				25
26				4	10	7	10	10	11				26
27				4	10	7	10	10	10				27
28				4	10	7	9	10	8				28
29				4	10	8	9	10	0				29
30				4	8	8	9	10	10				30
31				4	8	8	9	10	10				31
MEAN				4	10	12	13	13	13				MEAN
MAX.				0	4	7	8	7	0				MAX.
MIN.				87	452	587	619	613	666				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3024

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9										15			9
10													10
11													11
12	N	N	N	N	N	N	N				N	N	12
13	O	O	O	O	O	O	O				O	O	13
14													14
15										13			15
16	F	F	F	F	F	F	F		13		F	F	16
17	L	L	L	L	L	L	L			0	L	L	17
18	O	O	O	O	O	O	O				O	O	18
19	W	W	W	W	W	W	W				W	W	19
20													20
21													21
22								13		10			22
23									14	10			23
24													24
25													25
26										10			26
27													27
28													28
29								15		5			29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Total Acre-Feet

Table B-28b

HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

Point of Diversion: On the south side of St. Johns River in the NE 1/4, Section 32, T17S, R24E, MDB&M.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	*Current meter measurements taken these days - water was available at this station June 12-14 but total quantities diverted not known.												1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11	N	N	N	N	N	N	N	N	10.5*	N	N	N	11
12	O	O	O	O	O	O	O	O	6.9*	O	O	O	12
13													13
14													14
15													15
16	F	F	F	F	F	F	F	F		F	F	F	16
17	L	L	L	L	L	L	L	L		L	L	L	17
18	O	O	O	O	O	O	O	O		O	O	O	18
19	W	W	W	W	W	W	W	W		W	W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.



Table B-28b (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N				12			N	12
13	O	O	O	O	O							O	13
14													14
15													15
16	F	F	F	F	F							F	16
17	L	L	L	L	L							L	17
18	O	O	O	O	O							O	18
19	W	W	W	W	W							W	19
20													20
21													21
22													22
23													23
24													24
25													25
26									11				26
27													27
28									9				28
29									6				29
30										13			30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Based on intermittent gate opening and head differential readings.  
Partly estimated.  
Water flowed past this station other days but was not measured so a complete recording was not possible.

Table B-28b (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8							0	13				1
2	8							0	13				2
3	8							0	13				3
4	8							0	13				4
5	8							0	15				5
6	8							6	18				6
7	8							6	20				7
8	8							6	20				8
9	8							6	20				9
10	8							6	20				10
11	8							6	20				11
12	8							5	25	N			12
13	8	N	N	N	N	N	N	5	25		N	N	13
14	8	O	O	O	O	O	O	5	25	O	O	O	14
15	8							5	25				15
16	8	F	F	F	F	F	F	10	25	F	F	F	16
17	8	L	L	L	L	L	L	10	25	L	L	L	17
18	8	O	O	O	O	O	O	10	25	O	O	O	18
19	8	W	W	W	W	W	W	10	25	W	W	W	19
20	8							10	24				20
21	8							11	23				21
22	8							11	23				22
23	8							11	23				23
24	8							11	23				24
25	8							12	23				25
26	8							12	23				26
27	0							13	23				27
28	0							13	24				28
29	0							13	23				29
30	0							13	0				30
31	0							13					31
MEAN	8							13	25				MEAN
MAX.	8							13	25				MAX.
MIN.	0							0	0				MIN.
AC. FT.	428							474	1224				AC. FT.

Total Acre-Feet 1698

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10										0			10
11													11
12	N	N	N	N	N	N	N				N	N	12
13	O	O	O	O	O	O	O				O	O	13
14													14
15										5			15
16	F	F	F	F	F	F	F				F	F	16
17	L	L	L	L	L	L	L			5	L	L	17
18	O	O	O	O	O	O	O				O	O	18
19	W	W	W	W	W	W	W				W	W	19
20													20
21													21
22										10			22
23								25	27	27			23
24													24
25													25
26													26
27													27
28													28
29								27	0				29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Total Acre-Feet 126

Table B-28c

HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER NEAR ROAD 92

Point of Diversion: On the south side of St. Johns River in the NE 1/4, Section 32, T17S, R24E, M0B&M.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER NEAR ROAD 92

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	6	6	8				1
2						0	7	7	8				2
3						0	7	8	8				3
4						0	7	8	8				4
5						0	6	8	3				5
6						0	6	8	0				6
7						0	6	8	0				7
8						0	6	8	0				8
9						0	7	8	0				9
10						0	7	8	0				10
11						0	7	8	0				11
12	N	N	N	N	N	0	8	8	0	N	N	N	12
13	O	O	O	O	O	0	6	10	0	O	O	O	13
14						0	0	10	0				14
15						0	0	10	0				15
16	F	F	F	F	F	0	0	10	0	F	F	F	16
17	L	L	L	L	L	0	4	10	4	L	L	L	17
18	O	O	O	O	O	0	8	10	8	O	O	O	18
19	W	W	W	W	W	0	8	10	8	W	W	W	19
20						0	8	10	8				20
21						0	8	10	8				21
22						0	8	10	5				22
23						0	7	8	0				23
24						0	7	8	0				24
25						0	7	8	0				25
26						0	7	8	4				26
27						0	7	8	5				27
28						3	6	8	0				28
29						6	6	8	0				29
30						6	6	8	0				30
31						6	6	8	0				31
MEAN						6	8	10	8				MEAN
MAX.						0	8	6	0				MAX.
MIN.						42	363	526	180				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1111

Table B-28c (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER NEAR ROAD 92

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Based on intermittent current meter measurements.												1
2													2
3													3
4	Partly estimated.												4
5													5
6	Water flowed past this station other days but was not measured so a complete recording was not possible.												6
7													7
8													8
9													9
10													10
11													11
12	N	N	N		N	N	N				N	N	12
13	O	O	O		O	O	O				O	O	13
14													14
15										4			15
16	F	F	F		F	F	F						16
17	L	L	L		L	L	L			10	F	F	17
18	O	O	O		O	O	O				O	O	18
19	W	W	W	10	W	W	W				W	W	19
20													20
21													21
22													22
23								0	6				23
24										5			24
25													25
26													26
27													27
28													28
29								6					29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Total Acre-Feet 41

Table B-29

LAKESIDE DITCH

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, M08&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Period of Record: No record during the year ending September 30, 1919; continuous from April 10, 1917 to September 30, 1918 and from October 1, 1919 to current year.

Remarks: Data represents total water through headgate.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	All Kings River water.												1
2													2
3	No St. Johns River water diversion during the year.												3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	0	N	N	N	12
13	O	O	O	O	O	O	O	O	0	O	O	O	13
14													14
15													15
16	F	F	F	F	F	F	F	F	150		F	F	16
17	L	L	L	L	L	L	L	L	148		L	L	17
18	O	O	O	O	O	O	O	O	147		O	O	18
19	W	W	W	W	W	W	W	W	147		W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1753

Table B-29 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSIONS FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				68	0	58	162	175	204	187	341	233	1
2				98	0	28	135	172	194	201	300	175	2
3				95	0	80	114	181	212	219	278	109	3
4				64	0	103	128	184	235	192	303	137	4
5				16	0	117	143	164	209	192	328	137	5
6				0	0	91	152	159	207	228	362	118	6
7				0	0	133	164	159	216	241	364	33	7
8				0	0	173	152	166	271	286	255	78	8
9				0	168	169	138	150	302	396	243	93	9
10				0	337	156	143	156	337	362	295	101	10
11				0	377	163	138	203	339	357	309	104	11
12	N	N	N	0	267	138	129	235	350	355	309	115	12
13	O	O	O	0	153	132	128	269	341	343	319	124	13
14				0	156	122	134	215	310	355	348	138	14
15				0	148	108	142	212	392	389	327	162	15
16	F	F	F	11	104	99	139	230	415	357	250	163	16
17	L	L	L	57	137	114	138	228	431	375	212	152	17
18	O	O	O	372	103	130	129	216	494	355	150	130	18
19	W	W	W	293	90	123	143	204	436	330	167	123	19
20				257	89	106	156	203	400	310	166	122	20
21				177	88	99	161	209	392	302	167	133	21
22				96	62	98	164	192	427	297	172	137	22
23				68	74	105	161	204	400	302	170	147	23
24				63	122	86	158	224	343	317	167	142	24
25				37	110	66	170	206	341	262	184	128	25
26				0	122	118	166	193	374	231	203	84	26
27				0	118	142	167	192	379	259	204	53	27
28				0	90	135	164	218	325	302	221	69	28
29				0	148	155	155	235	231	327	227	88	29
30				0	163	164	164	223	173	360	224	103	30
31				0	164	164	164	206	206	374	228	228	31
MEAN				372	377	173	170	269	494	396	364	233	MEAN
MAX.				0	0	28	114	150	173	187	150	33	MAX.
MIN.				3515	5782	7273	8801	12264	19200	18572	15457	7202	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 98066

Table B-29 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	109	94		0	0	128	115	148	237	230	8		1
2	124	94		0	0	91	135	125	203	265	8		2
3	114	63		0	0	87	140	128	192	250	8		3
4	105	58		0	0	43	134	111	196	267	8		4
5	98	82		0	54	32	130	99	172	262	8		5
6				0	98	27	113	101	156	267	21		6
7	101	93		0	193	24	103	115	178	225	14		7
8	99	91		0	207	24	114	129	233	190	8		8
9	119	105		0	206	22	135	136	266	240	8		9
10	123	117		0	190	19	134	119	290	221	8		10
11	112	130		0									11
12	105	63		0	159	17	147	111	317	181	9		12
13	104	68	N	0	112	14	135	133	271	86	10	N	13
14	114	113	O	0	74	13	98	142	247	91	50	O	14
15	119	94		0	74	7	112	156	309	7	227		15
16	139	102		0	110	0	177	118	319	7	237		16
17	170	106	F	21	199	0	151	87	323	18	235	F	17
18	198	62	L	145	186	0	135	90	319	16	240	L	18
19	186	36	O	110	210	0	138	109	300	8	238	O	19
20	164	14	W	104	229	0	151	141	267	7	246	W	20
21	148	0		74	211	0	159	145	207	8	234		21
22	130	All water through headgate.		36	208	0	155	123	194	8	214		22
23	158			35	207	0	155	118	184	7	227		23
24	150			25	237	0	163	118	224	21	229		24
25	174	0		0	219	0	152	97	252	12	113		25
26	140	0		0	205	49	105	118	267	8	0		26
27	114	0		0	195	187	149	114	228	8	0		27
28	85	0		0	201	190	168	123	187	8	0		28
29	31	0		0	205	186	152	135	196	9	0		29
30	6	0		0		187	174	159	152	20	0		30
31	34	0		0		187	175	177	215	27	0		31
	82	0		0		143		204		13	0		
MEAN	198	130		145	237	190	177	204	323	267	246		MEAN
MAX.	6	0		0	0	0	98	87	152	7	0		MAX.
MIN.	7250	3144		1091	8309	3326	8339	7793	14085	5925	5173		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 64435

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	173	207	218	152	124	248	370	264	1
2				0	170	179	220	158	150	240	343	195	2
3				0	162	184	235	152	137	234	352	170	3
4				0	153	216	237	147	145	214	355	140	4
5				0	151	175	233	139	142	198	321	121	5
6				0	152	138	258	135	132	193	307	123	6
7				0	166	124	264	131	149	203	337	138	7
8				0	166	111	204	130	166	204	366	151	8
9				0	166	134	181	143	198	235	355	148	9
10				0	187	125	168	152	226	275	364	169	10
11				0	197	109	170	135	293	299	370	171	11
12	N		N	39	215	89	162	155	333	327	349	159	12
13	O	N	O	228	215	115	162	164	376	328	348	155	13
14				159	210	153	158	160	385	321	345	169	14
15				270	244	148	135	153	388	280	356	161	15
16	F	F	F	268	225	168	130	143	383	270	370	148	16
17	L	L	L	267	231	163	174	120	383	332	402	154	17
18	O	O	O	241	187	162	183	111	392	350	340	161	18
19	W	W	W	215	151	186	201	123	402	345	363	139	19
20				233	153	202	207	132	390	275	386	113	20
21				231	204	210	206	133	400	276	372	98	21
22				197	224	210	173	153	381	253	357	98	22
23				184	366	200	159	168	365	250	317	84	23
24				215	300	204	175	177	307	293	330	77	24
25				238	241	240	178	167	298	293	368	127	25
26				220	250	290	169	160	265	317	380	137	26
27				210	215	292	166	133	254	362	253	142	27
28				213	193	348	174	78	250	364	271	98	28
29				224	181	330	156	115	274	328	269	7	29
30				198	285	285	142	127	265	330	254	0	30
31				164	266	266		124		335	272		31
MEAN				270	366	348	264	177	402	364	402	264	MEAN
MAX.				0	151	89	130	78	124	193	253	0	MAX.
MIN.				8358	11600	11828	11104	8668	16568	17399	20712	7968	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 114205

Table B-30

KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, MDB&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, MDB&M.

Gage: Open-channel, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Remarks: These tables show the distribution of the water diverted through Lakeside Headgate.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									0				7
8									0				8
9									0				9
10									0				10
11									0				11
12	N	N	N	N	N	N	N	N	0	N	N	N	12
13	O	O	O	O	O	O	O	O	0	O	O	O	13
14									87				14
15									150				15
16	F	F	F	F	F	F	F	F	150	F	F	F	16
17	L	L	L	L	L	L	L	L	148	L	L	L	17
18	O	O	O	O	O	O	O	O	147	O	O	O	18
19	W	W	W	W	W	W	W	W	147	W	W	W	19
20									55				20
21									0				21
22									0				22
23									0				23
24									0				24
25									0				25
26									0				26
27									0				27
28									0				28
29									0				29
30									0				30
31									0				31
MEAN													MEAN
MAX.									150				MAX.
MIN.									0				MIN.
AC. FT.									1753				AC. FT.

Total Acre-Feet 1753



Table B-30 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KINGS RIVER-WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										115	0	233	1
2										150	0	175	2
3										200	0	109	3
4										192	0	137	4
5										150	0	125	5
6										150	0	103	6
7										150	0	17	7
8										0	0	0	8
9										0	0	0	9
10										0	0	0	10
11										0	0	0	11
12	N	N	N	N	N	N	N	N	N	0	0	0	12
13	O	O	O	O	O	O	O	O	O	0	0	0	13
14										0	0	0	14
15										0	0	0	15
16	F	F	F	F	F	F	F	F	F	0	0	0	16
17	L	L	L	L	L	L	L	L	L	0	0	0	17
18	O	O	O	O	O	O	O	O	O	0	86	0	18
19	W	W	W	W	W	W	W	W	W	0	167	0	19
20										0	163	0	20
21										0	164	0	21
22										0	164	0	22
23										0	170	0	23
24										0	167	0	24
25										0	184	0	25
26										0	203	0	26
27										0	204	0	27
28										0	213	0	28
29										0	219	0	29
30										0	218	0	30
31										0	228	0	31
MEAN										200	228	233	MEAN
MAX.										0	0	0	MAX.
MIN.										2196	5058	1783	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 9037

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0		0		0		1
2							0		0		0		2
3							0		0		0		3
4							0		0		0		4
5							0		0		0		5
6							0		0		0		6
7							0		0		0		7
8							0		0		0		8
9							0		0		0		9
10							0		0		0		10
11							0		0		0		11
12	N	N	N	N	N	N	0	N	0	N	0	N	12
13	O	O	O	O	O	O	0	O	0	O	38	O	13
14							0		15		224		14
15							0		43		237		15
16	F	F	F	F	F	F	91	F	44	F	233	F	16
17	L	L	L	L	L	L	135	L	42	L	240	L	17
18	O	O	O	O	O	O	138	O	43	O	238	O	18
19	W	W	W	W	W	W	150	W	31	W	246	W	19
20							150		17		234		20
21							150		0		214		21
22							150		0		227		22
23							150		0		226		23
24							71		0		113		24
25							0		0		0		25
26							0		0		0		26
27							0		0		0		27
28							0		0		0		28
29							0		0		0		29
30							0		0		0		30
31							0		0		0		31
MEAN							150		44		246		MEAN
MAX.							0		0		0		MAX.
MIN.							2321		466		4899		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7716

Table B-30 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1												0	1
2												0	2
3												0	3
4												0	4
5												0	5
6												0	6
7												0	7
8												0	8
9												0	9
10												0	10
11												0	11
12	N	N	N	N	N	N	N	N	N	N	N	0	12
13	O	O	O	O	O	O	O	O	O	O	O	0	13
14												0	14
15												0	15
16	F	F	F	F	F	F	F	F	F	F	F	0	16
17	L	L	L	L	L	L	L	L	L	L	L	0	17
18	O	O	O	O	O	O	O	O	O	O	O	0	18
19	W	W	W	W	W	W	W	W	W	W	W	0	19
20												0	20
21												0	21
22												0	22
23												0	23
24												37	24
25												127	25
26												137	26
27												142	27
28												98	28
29												7	29
30												0	30
31												0	31
MEAN												142	MEAN
MAX.												0	MAX.
MIN.												0	MIN.
AC. FT.												1087	AC. FT.

Total Acre-Feet 1087

Table B-30a

ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, MDB&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, MDB&M.

Gage: Open-channel, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Remarks: These tables show the distribution of the water diverted through Lakeside Headgate.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	58	162	175	204	50	330	0	1
2				0	0	28	135	172	194	50	300	0	2
3				0	0	80	114	181	212	19	278	0	3
4				0	0	103	128	184	235	0	303	0	4
5				0	0	117	143	164	209	42	325	0	5
6				0	0	91	152	159	207	78	325	0	6
7				0	0	133	164	159	216	91	310	0	7
8				0	0	173	152	166	271	286	255	0	8
9				0	168	169	138	150	290	350	243	93	9
10				0	337	156	143	156	310	350	295	100	10
11				0	377	163	138	203	312	350	309	100	11
12				0	267	138	129	235	318	355	309	115	12
13				0	153	132	128	269	313	343	310	124	13
14				0	156	122	134	215	295	355	325	125	14
15				0	148	108	142	212	343	389	260	100	15
16				11	104	99	139	230	356	330	250	100	16
17				57	137	114	138	228	364	295	212	100	17
18				372	103	130	129	216	401	295	0	100	18
19				293	90	123	143	204	368	330	0	100	19
20				191	89	106	156	203	346	305	0	72	20
21				33	0	99	161	209	341	302	0	83	21
22				0	0	96	164	192	362	280	0	87	22
23				0	0	105	161	204	343	270	0	97	23
24				0	0	86	158	224	306	270	0	92	24
25				0	0	66	170	206	302	262	0	75	25
26				0	0	118	166	193	320	231	0	75	26
27				0	0	142	167	192	321	259	0	53	27
28				0	0	135	164	218	282	302	0	69	28
29				0	0	148	155	235	170	327	0	88	29
30				0	0	163	164	223	173	330	0	103	30
31				0	0	164	164	206	173	330	0	103	31
MEAN				372	377	173	170	269	401	389	330	125	MEAN
MAX.				0	0	28	114	150	170	0	0	0	MAX.
TOTL. AC. FT.				1898	4223	7273	8801	12264	17225	15523	9796	4068	TOTL. AC. FT.

Total Acre-Feet 81071

Table B-30a (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Entitlement Release, Schedule II Releases and Flood Releases			0				0	237				1
2				0				6	203				2
3				0				40	192				3
4				0				31	196				4
5				0				19	172				5
6				0				21	156				6
7				0				35	178				7
8				0				49	214				8
9				0				56	196				9
10				0				39	165				10
11				0				31	170				11
12	N	N	N	0	N	N	N	53	169	N	N	N	12
13	O	O	O	0	O	O	O	62	157	O	O	O	13
14				0				76	130				14
15				0				38	77				15
16	F	F	F	21	F	F	F	7	42	F	F	F	16
17	L	L	L	145	L	L	L	10	34	L	L	L	17
18	O	O	O	110	O	O	O	29	8	O	O	O	18
19	W	W	W	104	W	W	W	61	0	W	W	W	19
20				74				80	0				20
21				36				123	0				21
22				35				118	0				22
23				25				118	0				23
24				0				97	0				24
25				0				118	0				25
26				0				114	0				26
27				0				123	0				27
28				0				135	0				28
29				0				159	0				29
30				0				177	0				30
31				0				204	0				31
MEAN													MEAN
MAX.				145				204	237				MAX.
MIN.				0				0	0				MIN.
AC. FT.				1091				4421	5348				AC. FT.

Total Acre-Feet 10860

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	173	207	218	152	0	248			1
2				0	170	179	220	158	0	240			2
3				0	162	184	235	152	0	234			3
4				0	153	216	237	147	0	214			4
5				0	151	175	233	139	142	198			5
6				0	152	138	258	135	132	193			6
7				0	166	124	264	131	149	203			7
8				0	166	111	204	130	166	0			8
9				0	166	134	181	143	198	0			9
10				0	187	125	168	152	226	0			10
11				0	197	109	170	135	293	0			11
12	N	N	N	39	215	89	162	155	333	0	N	N	12
13	O	O	O	228	215	115	162	164	376	0	O	O	13
14				159	210	153	158	160	385	0			14
15				270	244	148	135	153	388	0			15
16	F	F	F	268	225	168	130	143	383	0	F	F	16
17	L	L	L	267	231	163	174	120	383	0	L	L	17
18	O	O	O	241	187	162	183	111	392	0	O	O	18
19	W	W	W	215	151	186	201	123	402	0	W	W	19
20				233	153	202	207	132	390	0			20
21				231	204	210	206	133	400	0			21
22				197	224	210	173	153	381	0			22
23				184	366	200	159	168	365	0			23
24				215	300	204	175	177	307	0			24
25				238	241	240	178	82	298	0			25
26				220	250	290	169	0	265	0			26
27				210	215	292	166	0	254	0			27
28				213	193	348	174	0	250	0			28
29				224	181	330	156	0	274	0			29
30				198		285	142	0	265	0			30
31				164		266		0		0			31
MEAN													MEAN
MAX.				270	366	348	264	177	402	248			MAX.
MIN.				0	151	89	130	0	0	0			MIN.
AC. FT.				8358	11600	11828	11104	7038	15465	3035			AC. FT.

Total Acre-Feet 68428

Table B-30b

OTHER ST. JOHNS RIVER SOURCES THROUGH LAKESIDE HEADGATE

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, MDB&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, MDB&M.

Gage: Open-channel, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Remarks: These tables show the distribution of the water diverted through Lakeside Headgate.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		OTHER ST. JOHNS RIVER SOURCES THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				68	0				0	22	11	0	1
2				98	0				0	1	0	0	2
2				95	0				0	0	0	0	3
4				64	0				0	0	0	0	4
5				16	0				0	0	3	12	5
6				0	0				0	0	37	15	6
7				0	0				0	0	54	16	7
8				0	0				0	0	0	78	8
9				0	0				0	46	0	0	9
10				0	0				12	12	0	1	10
11				0	0				27	7	0	4	11
12	N	N	N	0	0	N	N	N	27	0	0	0	12
13	O	O	O	0	0	O	O	O	32	0	9	0	13
14				0	0				28	0	23	13	14
15				0	0				15	0	67	62	15
16	F	F	F	0	0	F	F	F	49	27	0	63	16
17	L	L	L	0	0	L	L	L	59	80	0	52	17
18	O	O	O	0	0	O	O	O	67	60	64	30	18
19	W	W	W	0	0	W	W	W	93	0	0	23	19
20				66	0				68	5	0	0	20
21				144	88				54	0	3	0	21
22				96	62				51	17	3	0	22
23				68	74				65	32	8	0	23
24				63	122				57	47	0	0	24
25				37	110				37	0	0	28	25
26				0	122				39	0	0	9	26
27				0	118				54	0	0	0	27
28				0	90				58	0	8	0	28
29				0	0				43	0	8	0	29
30				0	0				61	30	6	0	30
31				0	0					44	0	0	31
MEAN				144	122				93	80	67	78	MEAN
MAX.				0	0				0	0	0	0	MAX.
MIN.				1617	1559				1975	853	603	805	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7412

Table B-30c

OTHER WATER THROUGH LAKESIDE HEADGATE

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, M08&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Remarks: These tables show the distribution of the water diverted through Lakeside Headgate.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		OTHER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	0			0	128	Includes loss water from schedule and from the Kaweah Delta Water Conservation District. Also includes spills from Alta Irrigation District.			0	8		1
2	0	0			0	91				0	8		2
3	0	0			0	87				0	8		3
4	0	0			0	43				0	8		4
5	0	0			0	32				0	8		5
6		0			0	27				0	21		6
7	0	0			0	24				0	14		7
8	0	0			0	24				0	8		8
9	0	0			0	22				0	8		9
10	0	0			0	19				0	8		10
11	0	0			0	17				0	9		11
12	0	0	N	N	0	14	N	N	N	0	10	N	12
13	0	0	O	O	0	13	O	O	O	91	12	O	13
14	0	0			0	7				7	3		14
15	0	0			0	0				7	0		15
16	0	37	F	F	0	0	F	F	F	18	2	F	16
17	0	62	L	L	0	0	L	L	L	16	0	L	17
18	0	36	O	O	0	0	O	O	O	8	0	O	18
19	0	14	W	W	0	0	W	W	W	7	0	W	19
20	0	0			0	0				8	0		20
21	0	0			0	0				8	0		21
22	0	0			0	0				7	0		22
23	0	0			22	0				21	3		23
24	53	0			29	0				12	0		24
25	53	0			15	0				8	0		25
26	34	0			5	0				8	0		26
27	0	0			201	0				8	0		27
28	0	0			205	0				9	0		28
29	0	0			0	0				20	0		29
30	0	0			0	0				27	0		30
31	0	0			0	0				13	0		31
MEAN													MEAN
MAX.	53	62			205	128				91	21		MAX.
MIN.	0	0			0	0				0	0		MIN.
AC. FT.	278	296			946	1087				601	274		AC. FT.

Total Acre-Feet 3482

Table B-30c (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		OTHER WATER THROUGH LAKSIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	3	114	1
2										0	0	45	2
3										0	0	20	3
4										0	45	0	4
5										0	6	0	5
6										0	0	0	6
7										0	24	0	7
8										0	0	1	8
9										0	0	0	9
10										0	44	19	10
11										29	53	21	11
12	N	N	N	N	N	N	N	N	N	67	0	9	12
13	O	O	O	O	O	O	O	O	O	68	0	5	13
14										61	0	19	14
15										0	0	11	15
16	F	F	F	F	F	F	F	F	F	0	15	0	16
17	L	L	L	L	L	L	L	L	L	0	47	4	17
18	O	O	O	O	O	O	O	O	O	26	40	0	18
19	W	W	W	W	W	W	W	W	W	5	13	0	19
20										0	36	0	20
21										15	22	0	21
22										0	0	0	22
23										0	17	0	23
24										0	30	0	24
25										0	118	0	25
26										0	0	0	26
27										0	0	0	27
28										24	0	0	28
29										0	0	0	29
30										0	0	0	30
31										0	72	0	31
MEAN										68	118	114	MEAN
MAX.										0	0	0	MAX.
MIN.										585	1160	532	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2277

Table B-30d

ST. JOHNS RIVER WATER RELEASED FROM LAKESIDE STORAGE

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, MDB&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, MDB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Remarks: These tables show the distribution of the water diverted through Lakeside Headgate.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		ST. JOHNS RIVER WATER RELEASED FROM LAKESIDE STORAGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	230			1
2									0	265			2
3									0	250			3
4									0	267			4
5									0	262			5
6									0	267			6
7									0	225			7
8									19	190			8
9									70	240			9
10									125	221			10
11									147	181			11
12	N	N	N	N	N	N	N	N	102	86	N	N	12
13	O	O	O	O	O	O	O	O	90	0	O	O	13
14									164	0			14
15									199	0			15
16	F	F	F	F	F	F	F	F	237	0	F	F	16
17	L	L	L	L	L	L	L	L	243	0	L	L	17
18	O	O	O	O	O	O	O	O	249	0	O	O	18
19	W	W	W	W	W	W	W	W	236	0	W	W	19
20									190	0			20
21									194	0			21
22									184	0			22
23									224	0			23
24									252	0			24
25									267	0			25
26									228	0			26
27									187	0			27
28									196	0			28
29									152	0			29
30									215	0			30
31										0			31
MEAN									267	267			MEAN
MAX.									0	0			MAX.
MIN.									8271	5324			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13595



Table B-30d (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		ST. JOHNS RIVER WATER RELEASED FROM LAKESIDE STORAGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	367	150	1
2										0	343	150	2
3										0	352	150	3
4										0	310	140	4
5										0	315	121	5
6										0	307	123	6
7										0	313	138	7
8										204	366	150	8
9										235	355	148	9
10										275	320	150	10
11										270	317	150	11
12	N	N	N	N	N	N	N	N	N	260	349	150	12
13	O	O	O	O	O	O	O	O	O	260	348	150	13
14										260	345	150	14
15										280	356	150	15
16	F	F	F	F	F	F	F	F	F	270	355	148	16
17	L	L	L	L	L	L	L	L	L	332	355	150	17
18	O	O	O	O	O	O	O	O	O	324	300	161	18
19	W	W	W	W	W	W	W	W	W	340	350	139	19
20										275	350	113	20
21										261	350	98	21
22										253	357	98	22
23										250	300	84	23
24										293	300	40	24
25										293	250	0	25
26										317	280	0	26
27										362	253	0	27
28										340	271	0	28
29										328	269	0	29
30										330	254	0	30
31										335	200	0	31
MEAN										362	367	161	MEAN
MAX.										0	200	0	MAX.
MIN.										13779	19551	6349	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 39679

Table B-31

LAKELAND CANAL NO. 2 FOR CORCORAN IRRIGATION DISTRICT

Point of Diversion: 41 miles below McKay Point near the northeast corner of Section 10, T20S, R22E, M0B&M.

Location: Approximately 150 yards south of and below the head of Lakeland Canal No 2.

Gage: Open-channel section without recorder.

Operating Agency: Corcoran Irrigation District.

Period of Record: 1917 to current year.

Remarks: Cross Creek is an extension of St. Johns River. Water can be delivered to the Corcoran Irrigation District via Cross Creek, Lakeland Canal No. 2, and the the Highline Canal from the Kaweah River, St. Johns River, and Kings River. Central Valley Project water is also delivered via Cross Creek.

**DAILY MEAN DISCHARGE**

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LAKELAND CANAL NO. 2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-31 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LAKELAND CANAL NO. 2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LAKELAND CANAL NO. 2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0	80	0				1
2							0	124	0				2
3							0	158	0				3
4							0	160	0				4
5							0	167	0				5
6							0	149	71				6
7							0	141	77				7
8							0	142	84				8
9							0	132	53				9
10							0	119	54				10
11							0	135	124				11
12	N			N	N	N	0	150	103	N	N	N	12
13	O	O	O	O	O	O	0	125	94	O	O	O	13
14							0	125	77				14
15							0	149	23				15
16	F	F	F	F	F	F	0	131	20	F	F	F	16
17	L	L	L	L	L	L	0	147	16	L	L	L	17
18	O	O	O	O	O	O	0	168	28	O	O	O	18
19	W	W	W	W	W	W	0	188	25	W	W	W	19
20							0	187	57				20
21							0	81	39				21
22							0	16	16				22
23							0	18	7				23
24							0	0	8				24
25							0	0	35				25
26							0	0	26				26
27							0	0	38				27
28							0	0	9				28
29							12	20	0				29
30							70	21	0				30
31								0					31
MEAN							70	188	124				MEAN
MAX.							0	0	0				MAX.
MIN.							163	6016	2150				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 8329

Table B-32

TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

Point of Diversion: 6.5 miles below head of Wutchumna Ditch in the NE 1/4, Section 3, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 200 cfs.

Location: 700 feet below the head of the canal connecting Wutchumna Ditch and Tulare Irrigation District canal in the NE 1/4, Section 3, T18S, R26E, MDB&M.

Gage: Concrete Parshall flume and water-stage recorder.

Operating Agency: Tulare Irrigation District.

Gross Service Area: 75,350 acres.

Period of Record: April 1, 1938 to current year.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0					0	0	8.4			1
2			0					0	0	1.5			2
3			0					0	0	0			3
4			82.1					0	0	0			4
5			77.0					0	0	0			5
6			77.0					0	0	0			6
7			77.0					0	0	0			7
8			74.6					0	0	0			8
9			72.1					0	0	0			9
10			69.7					0	0	0			10
11			69.7					0	0	0			11
12	N	N	68.1	N	N	N	N	0	0	0	N	N	12
13	O	O	25.1	O	O	O	O	3.7	0	0	O	O	13
14			0					36.6	0	0			14
15			0					36.6	0	0			15
16	F	F	0	F	F	F	F	37.2	0	0	F	F	16
17	L	L	0	L	L	L	L	37.2	0	0	L	L	17
18	O	O	0	O	O	O	O	37.8	22.5	0	O	O	18
19	W	W	0	W	W	W	W	13.1	54.4	0	W	W	19
20			0					0	55.2	0			20
21			0					0	52.3	0			21
22			0					0	51.6	0			22
23			0					0	51.6	0			23
24			0					0	51.6	0			24
25			0					0	50.1	0			25
26			0					0	47.4	0			26
27			0					0	44.6	0			27
28			0					0	25.1	0			28
29			0					0	12.6	0			29
30			0					0	8.7	0			30
31			0					0	0	0			31
MEAN			82.1					37.8	55.2	8.4			MEAN
MAX.			0					0	0	0			MAX.
MIN.			1373					401	1047	20			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2841

Table B-32 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	14.3		0	125.6	91.6	9.1	49.4	65.0	61.9	117.7	84.6	11.8	1
2	13.5		0	124.8	89.9	29.6	53.0	68.1	60.4	96.1	84.6	11.8	2
3	15.2		0	122.6	88.1	29.0	54.4	68.1	61.9	60.4	84.6	11.8	3
4	14.8		0	122.6	85.5	30.2	55.8	55.8	60.4	93.4	84.6	11.8	4
5	13.5		0	83.8	83.8	58.1	51.6	1.7	75.4	93.4	73.7	13.5	5
6	13.5		0	49.4	80.4	32.5	53.0	1.7	93.4	87.2	61.1	18.5	6
7	13.5		0	55.8	68.4	33.1	50.8	1.3	113.8	82.9	48.7	18.0	7
8	13.1		0	68.9	116.7	30.2	54.4	1.0	129.6	83.8	61.1	109.0	8
9	12.6		0	71.3	107.1	44.6	56.6	.3	139.6	83.8	80.4	108.1	9
10	3.7		0	83.8	126.4	58.8	55.8	2.5	139.6	74.6	77.0	107.1	10
11	0		0	124.8	89.0	56.6	58.1	68.9	138.6	68.9	76.2	107.1	11
12	0	N	0	154.8	93.4	49.4	59.6	11.8	140.6	67.3	79.5	106.2	12
13	0	O	0	150.9	110.9	53.7	59.6	14.8	140.6	65.7	79.5	92.5	13
14	0		0	142.5	101.4	57.4	59.6	13.9	142.5	69.7	58.1	74.6	14
15	0		0	114.8	110.9	58.1	60.4	22.0	142.5	111.9	82.1	58.1	15
16	0	F	0	133.6	110.9	57.4	61.9	15.2	142.5	111.9	67.3	45.3	16
17	0	L	0	139.6	110.9	57.4	57.4	15.2	141.5	110.9	55.8	45.3	17
18	0	O	0	160.0	110.9	58.1	56.6	16.2	140.6	119.6	55.8	45.3	18
19	0	W	0	162.4	110.0	57.4	57.4	16.6	140.6	119.6	56.6	42.6	19
20	0		0	157.6	110.0	57.4	58.1	17.1	141.5	118.7	57.4	28.5	20
21	0		0	163.2	18.5	63.4	58.1	16.6	143.6	119.6	54.4	17.5	21
22	0		0	164.4	0	50.1	58.8	16.6	136.8	118.7	52.3	20.4	22
23	0		0	164.4	0	55.2	60.4	16.6	173.2	118.7	36.2	20.4	23
24	0		0	164.4	0	58.1	61.1	29.6	175.6	102.5	17.1	21.5	24
25	0		0	104.4	0	58.1	67.3	35.0	175.6	91.6	16.6	22.0	25
26	0		0	55.2	0	57.4	67.3	50.1	164.4	89.9	16.6	19.5	26
27	0		23.0	52.3	0	58.8	65.7	55.8	141.5	89.9	13.5	12.2	27
28	0		123.6	52.3	.3	58.1	65.7	56.6	127.6	91.6	13.1	16.6	28
29	0		150.9	52.3		57.4	67.3	55.2	119.6	87.2	12.6	16.2	29
30	0		141.5	76.2		57.4	60.4	55.2	119.6	83.8	12.2	15.7	30
31	0		125.6	96.1		50.1		58.1		83.8	11.8		31
MEAN													MEAN
MAX.	15.2		150.9	164.4	126.4	63.4	67.3	68.9	175.6	119.6	84.6	109.0	MAX.
MIN.	0		0	49.4	0	9.1	49.4	.3	60.4	60.4	11.8	11.8	MIN.
AC. FT.	253.3		1119.9	6931.9	3996.8	3059.0	3482.2	1829.4	7586.9	5781.5	3302.7	2447.2	AC. FT.

Total Acre-Feet 39820.8

Table B-32 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	14.3		0	16.2	41.9	16.6	156.8	103.4	53.7	48.7	17.1		1
2	13.5		0	15.7	50.1	26.2	156.8	106.2	44.6	47.4	17.5		2
3	15.2		0	15.7	50.8	58.1	155.6	109	41.9	40	17.1		3
4	14.8		0	15.2	50.8	83.8	145.7	111.9	50.8	31.9	17.1		4
5	13.5		0	14.8	50.8	81.2	123.6	110.9	77	32.5	16.6		5
6	13.5		0	14.8	46.7	80.4	123.6	111.9	88.1	36.8	16.6		6
7	13.5		0	14.3	44	80.4	124.8	116.7	94.3	37.5	16.2		7
8	13.1		0	14.8	44	87.2	124.8	122.6	99.7	38.1	16.2		8
9	12.6		0	15.7	31.4	125.6	137.7	124.8	100.6	25.1	16.2		9
10	3.7		0	7	40.6	149.9	150.9	72.1	102.5	16.2	19.5		10
11	0		0	7.7	40.6	182.4	151.9	108.1	98.8	15.7	27.3		11
12	0	N	0	81.2	41.3	181.6	150.9	103.4	77.8	15.2	26.8	N	12
13	0	O	0	122.6	41.3	195.6	149.9	103.4	55.8	15.7	24.6	O	13
14	0		0	122.6	41.9	206.4	149.9	105.3	50.8	15.2	13.1		14
15	0		0	123.6	41.9	204	149.9	107.1	46	15.7	5.4		15
16	0	F	0	122.6	92.5	140.6	149.9	109	40	15.7	0	F	16
17	0	L	0	121.6	126.4	141.5	165.6	113.8	41.3	16.2	0	L	17
18	0	O	0	82.9	126.4	142.5	171.2	120.6	41.9	16.6	0	O	18
19	0	W	0	39.4	124.8	147.8	166.4	132.8	41.9	17.1	0	W	19
20	0		0	47.4	94.3	151.9	160	146.7	41.3	18.5	0		20
21	0		0	47.4	81.2	154.8	144.6	146.7	40	19	0		21
22	0		0	48	91.6	157.6	124.8	145.7	40.6	19	0		22
23	0		4.0	44	102.5	155.6	119.6	133.6	40.6	18.5	0		23
24	0		15.2	36.8	105.3	154.8	118.7	127.6	40	19	0		24
25	0		15.7	33.7	23.5	88.1	119.6	125.6	41.3	19	0		25
26	0		15.7	34.3	4.5	88.1	116.7	109	26.2	19	0		26
27	0		15.2	33.7	4.3	90.7	99.7	98.8	41.9	19	0		27
28	0		15.2	35	4.3	95.2	99.7	99.7	46.7	18.5	0		28
29	0		15.2	35		92.5	101.4	99.7	45.3	18.5	0		29
30	0		15.7	34.3		127.6	100.6	90.7	48	18	0		30
31	0		15.7	35		156.8		72.1		16.6	0		31
MEAN	15.2		15.7	123.6	126.4	206.4	171.2	146.7	102.5	48.7	27.3		MEAN
MAX.	0		0	7	4.3	16.6	99.7	72.1	26.2	15.2	0		MAX.
MIN.	253		253	2842	3252	7628	8155	6920	3371	1428	530		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 34632

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	145.7	63.4	144.6	4.0	157.6	171.2	127.6	15.7	1
2				0	156.8	63.4	145.7	56.6	139.6	168.8	127.6	15.2	2
3				0	173.2	69.7	145.7	164.4	100.6	164.4	127.6	15.2	3
4				0	173.2	64.2	146.7	164.4	100.6	138.6	126.4	15.2	4
5				0	173.2	62.7	147.8	163.2	100.6	104.4	122.6	15.7	5
6				0	172.4	50.1	149.9	156.8	100.6	104.4	106.2	15.7	6
7				0	161.2	56.6	148.8	66.5	100.6	97.9	83.8	15.2	7
8				0	164.4	56.6	146.7	37.5	100.6	94.3	82.1	15.2	8
9				0	160.0	58.8	145.7	157.6	99.7	81.2	82.1	15.2	9
10				20.4	161.2	63.4	146.7	157.6	100.6	74.6	80.4	15.2	10
11				130.4	160.0	61.9	146.7	157.6	102.5	98.8	79.5	15.2	11
12	N	N	N	141.5	162.4	61.1	145.7	156.8	102.5	128.8	79.5	15.2	12
13	O	O	O	148.8	159.2	60.4	146.7	157.6	102.5	128.8	79.5	15.2	13
14				154.8	156.8	65.0	146.7	157.6	103.4	127.6	79.5	15.2	14
15				150.9	156.8	62.7	147.8	157.6	103.4	126.4	73.7	15.2	15
16	F	F	F	148.8	164.4	62.7	138.6	157.6	104.4	127.6	52.3	13.9	16
17	L	L	L	149.9	171.2	62.7	129.6	157.6	104.4	128.8	34.3	13.5	17
18	O	O	O	147.8	171.2	64.2	131.6	160.0	106.2	129.6	33.1	7.0	18
19	W	W	W	138.8	176.8	64.2	129.6	156.8	107.1	130.4	31.9	.4	19
20				138.8	165.6	64.2	128.8	153.0	110.0	129.6	31.9	.3	20
21				137.7	144.6	64.2	129.6	153.0	120.6	130.4	31.9	.3	21
22				134.7	144.6	64.2	131.6	154.8	138.6	130.4	30.8	.3	22
23				25.1	124.8	89.9	132.8	155.6	138.6	128.8	30.8	0	23
24				174.4	63.4	148.8	132.8	154.8	138.6	127.6	31.9	0	24
25				175.6	62.7	144.6	132.8	155.6	138.6	126.4	31.9	0	25
26				163.2	63.4	144.6	131.6	155.6	148.8	127.6	30.2	0	26
27				161.2	63.4	145.7	130.4	154.8	165.6	130.4	24.1	0	27
28				157.6	63.4	145.7	130.4	153.0	167.6	131.6	15.7	0	28
29				150.9	63.4	145.7	130.4	154.8	170.0	126.4	16.6	0	29
30				146.7	63.4	145.7	40.0	155.6	170.0	125.6	16.2	0	30
31				150.9	144.6	144.6		155.6		126.4	15.7	0	31
MEAN				175.6	176.8	148.8	149.9	164.4	170.0	171.2	134.7	15.7	MEAN
MAX.				0	62.7	50.1	40.0	4.0	99.7	74.6	15.7	0	MAX.
MIN.				6047.5	8091.5	5200.1	8097.6	8732.3	7228.9	7671.8	3803.2	526.0	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 55402

Table B-33

KAWEAH RIVER WATER IN CROSS CREEK BELOW KANSAS AVENUE

Location: Southeast of the north corner of Section 10, T20S, R22E, MOB&M.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KAWEAH RIVER WATER IN CROSS CREEK BELOW KANSAS AVENUE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Partly estimated.				0	0	0						1
2					0	0	0						2
3					0	0	0						3
4					0	0	0						4
5					0	0	0						5
6					0	105	0						6
7					0	251	0						7
8					0	137	0						8
9					0	0	3						9
10					40	0	0						10
11					300	0	0						11
12	N	N	N	N	250	0	0	N	N	N	N	N	12
13	O	O	O	O	150	0	0	O	O	O	O	O	13
14					120	0	0						14
15					245	0	0						15
16	F	F	F	F	100	0	0	F	F	F	F	F	16
17	L	L	L	L	40	0	12	L	L	L	L	L	17
18	O	O	O	O	20	0	7	O	O	O	O	O	18
19	W	W	W	W	0	0	0	W	W	W	W	W	19
20					0	3	0						20
21					0	32	0						21
22					0	0	0						22
23					0	0	0						23
24					0	0	0						24
25					0	0	0						25
26					0	0	0						26
27					0	0	0						27
28					0	0	0						28
29					0	0	0						29
30					0	0	0						30
31					0	0	0						31
MEAN													MEAN
MAX.					300	251	12						MAX.
MIN.					0	0	0						MIN.
AC. FT.					2509	1047	44						AC. FT.

Total Acre-Feet 3600

Table B-34

CENTRAL VALLEY PROJECT WATER TO TULARE  
IRRIGATION DISTRICT AT FRIANT-KERN CANAL

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, MDB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner Section 12, T18S, R26E.

Remarks: Tables B-34 through B-34c show Central Valley Project water delivered to Tulare Irrigation District.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0				0	449			1
2					0				0	435			2
3					0				0	432			3
4					0				0	421			4
5					0				0	415			5
6					0				0	414			6
7					91.7				0	412			7
8					225				0	444			8
9					380				0	465			9
10					316				0	465			10
11					304				0	56			11
12	N	N	N	N	306	N	N	N	0	0	N	N	12
13	O	O	O	O	304	O	O	O	0	0	O	O	13
14					304				0	0			14
15					306				0	0			15
16	F	F	F	F	304	F	F	F	0	0	F	F	16
17	L	L	L	L	362	L	L	L	216	0	L	L	17
18	O	O	O	O	416	O	O	O	299	0	O	O	18
19	W	W	W	W	427	W	W	W	344	0	W	W	19
20					427				351	0			20
21					430				351	0			21
22					430				351	0			22
23					430				380	0			23
24					430				416	0			24
25					424				424	0			25
26					473				404	0			26
27					473				381	0			27
28					473				415	0			28
29					130				432	0			29
30									450	0			30
31										0			31
MEAN					473				450	465			MEAN
MAX.					0				0	0			MAX.
MIN.					16195				10342	8744			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 35281



Table B-34 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0				0	154	239	234	1
2					0				0	153	240	232	2
3					182				0	153	240	229	3
4					253				0	156	240	231	4
5					254				0	158	240	235	5
6					253				0	156	239	370	6
7					253				0	180	238	413	7
8					153				0	200	237	331	8
9					0				0	202	237	308	9
10					0				0	204	237	277	10
11					0				0	200	237	263	11
12	N	N	N	N	0	N	N	N	0	200	236	263	12
13	O	O	O	O	0	O	O	O	0	200	235	261	13
14					0				0	200	235	260	14
15					0				0	200	235	255	15
16	F	F	F	F	0	F	F	F	0	202	233	255	16
17	L	L	L	L	0	L	L	L	0	202	233	255	17
18	O	O	O	O	0	O	O	O	0	200	234	253	18
19	W	W	W	W	0	W	W	W	0	202	235	253	19
20					0				0	202	235	280	20
21					68				100	200	235	293	21
22					134				183	202	235	293	22
23					139				151	200	235	293	23
24					178				150	202	235	293	24
25					182				152	202	235	293	25
26					167				156	213	233	293	26
27					139				156	227	233	293	27
28					0				156	231	235	293	28
29									156	235	233	289	29
30									154	239	235	302	30
31										239	235		31
MEAN					254				183	239	240	413	MEAN
MAX.					0				0	153	233	229	MAX.
MIN.					4672				3003	12127	14508	16648	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 50958

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	306	323			0	583	212	275	0	475	81		1
2	308	323			0	486	214	275	79	480	81		2
3	323	323			190	404	220	275	394	480	81		3
4	332	323			359	343	242	232	509	479	80		4
5	334	323			448	336	252	222	513	480	80		5
6	336	323			415	330	200	222	448	475	80		6
7	336	0			397	325	174	222	428	478	80		7
8	334	0			402	325	174	277	478	480	178		8
9	334	0			433	357	174	325	476	480	283		9
10	334	0			450	351	172	325	475	398	379		10
11	365	75			450	340	193	325	475	182	480		11
12	394	0	N	N	408	340	195	325	478	83	481	N	12
13	386	0	O	O	408	388	197	325	480	83	480	O	13
14	383	0			404	436	195	332	480	82	369		14
15	384	0			408	481	195	319	480	82	222		15
16	384	0		F	408	496	199	319	480	82	0	F	16
17	388	0	L	L	407	457	231	322	480	84	0	L	17
18	382	0	O	O	407	425	267	336	480	85	0	O	18
19	382	0	W	W	418	420	273	369	480	83	0	W	19
20	385	0			446	421	316	380	475	81	0		20
21	380	0			454	424	358	377	478	81	0		21
22	382	0			450	427	368	380	475	81	0		22
23	345	0			452	369	365	164	472	81	0		23
24	325	0			450	354	359	0	475	81	0		24
25	334	0			532	356	310	0	479	81	0		25
26	329	0			573	356	318	0	483	81	0		26
27	332	0			576	328	318	0	480	81	0		27
28	332	0			526	292	321	0	478	81	0		28
29	343	0				269	310	0	478	81	0		29
30	327	0				232	323	0	475	81	0		30
31	325					212				81	0		31
MEAN					576	583	368	380	513	480	481		MEAN
MAX.		323			0	212	172	0	0	81	0		MAX.
MIN.		0			22361	23138	15166	13732	26502	12944	6815		MIN.
AC. FT.	21569	3995											AC. FT.

Total Acre-Feet 146222

Table B-34 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	403	230	0	0	461	343	1
2						0	400	62	0	0	488	328	2
3						0	400	0	0	0	488	325	3
4						0	439	0	0	0	493	342	4
5						0	451	0	0	0	491	345	5
6						0	452	0	0	0	517	340	6
7						0	447	97	0	0	540	307	7
8						0	447	58	0	101	538	269	8
9						0	416	0	0	202	535	232	9
10						0	414	0	0	199	540	192	10
11						0	424	0	0	199	538	176	11
12	N	N	N	N	N	0	424	0	0	195	538	160	12
13	O	O	O	O	O	0	430	0	0	246	535	128	13
14						0	430	0	0	272	535	122	14
15						0	430	0	0	271	538	122	15
16	F	F	F	F	F	0	465	0	41	316	535	123	16
17	L	L	L	L	L	0	495	0	165	365	535	254	17
18	O	O	O	O	O	0	350	0	306	403	535	420	18
19	W	W	W	W	W	0	102	0	354	433	532	417	19
20						0	0	0	356	432	532	414	20
21						0	0	0	353	432	532	414	21
22						0	0	0	159	464	535	414	22
23						0	0	0	0	493	535	412	23
24						0	83	0	61	496	535	412	24
25						0	200	0	118	496	535	394	25
26						200	200	0	78	496	535	386	26
27						400	192	0	52	491	517	384	27
28						403	200	0	25	492	495	382	28
29						407	200	0	0	490	493	384	29
30						407	287	0	0	463	496	384	30
31						402		0		440	377		31
MEAN						407	495	230	356	496	540	420	MEAN
MAX.						0	0	0	0	0	377	122	MAX.
MIN.						4402	18214	886	4107	17635	31792	18497	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 95533

Table B-34 a

CENTRAL VALLEY PROJECT WATER TO TULARE  
IRRIGATION DISTRICT AT ST. JOHNS RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, MUB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-34 through B-34c show Central Valley Project water delivered to Tulare Irrigation District.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	75	122	143	1
2									0	75	97	143	2
3									0	75	52	143	3
4									0	75	52	143	4
5									0	75	109	178	5
6									0	75	147	196	6
7									0	75	121	207	7
8									0	75	71	250	8
9									0	75	47	267	9
10									0	75	57	267	10
11									0	75	67	267	11
12	N	N	N	N	N	N	N	N	0	75	142	267	12
13	O	O	O	O	O	O	O	O	0	75	216	267	13
14									0	75	216	267	14
15									0	75	167	267	15
16	F	F	F	F	F	F	F	F	0	75	142	267	16
17	L	L	L	L	L	L	L	L	89	75	167	267	17
18	O	O	O	O	O	O	O	O	176	75	167	267	18
19	W	W	W	W	W	W	W	W	176	62	167	267	19
20									176	50	167	267	20
21									176	75	167	267	21
22									153	132	167	267	22
23									125	165	167	267	23
24									125	113	167	267	24
25									125	48	167	267	25
26									125	32	192	267	26
27									125	32	217	267	27
28									125	42	217	267	28
29									125	102	180	267	29
30									92	173	142	267	30
31										155	142		31
MEAN									176	173	217	267	MEAN
MAX.									0	32	47	143	MAX.
MIN.									3794	5050	8764	14433	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 32011

Table B-34a (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	267	0			0	0	100	70	0				1
2	267	0			0	0	45	70	0				2
3	267	0			0	0	45	70	0				3
4	232	0			0	0	45	70	35				4
5	192	0			0	0	47	70	35				5
6	192	0			0	0	63	70	0				6
7	192	0			0	0	70	70	0				7
8	192	0			0	0	70	70	0				8
9	192	0			0	0	70	70	70				9
10	192	0			0	0	70	35	140				10
11	192	43			0	0	70	0	90				11
12	192	0	N	N	0	0	70	0	20	N	N	N	12
13	192	0	O	O	0	0	70	0	0	O	O	O	13
14	192	0			0	0	70	0	0				14
15	192	0			33	0	70	0	0				15
16	192	0	F	F	66	0	47	0	0	F	F	F	16
17	192	0	L	L	75	0	0	0	0	L	L	L	17
18	192	0	O	O	100	0	0	0	0	O	O	O	18
19	192	0	W	W	125	0	0	0	0	W	W	W	19
20	192	0			125	0	0	0	0				20
21	192	0			125	0	0	0	0				21
22	114	0			125	0	0	0	0				22
23	21	0			125	0	0	0	0				23
24	0	0			125	0	0	0	0				24
25	0	0			125	0	0	0	0				25
26	0	0			260	0	35	0	0				26
27	0	0			315	33	45	0	0				27
28	0	0			79	50	45	0	0				28
29	0	0				50	67	0	0				29
30	0	0				77	70	0	0				30
31	0	0				225		0	0				31
MEAN													MEAN
MAX.	267	43			315	225	100	70	140				MAX.
MIN.	0	0			0	0	0	0	0				MIN.
AC. FT.	8796	87			3577	862	2546	1320	773				AC. FT.

Total Acre-Feet 17961

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	200	0	745		0	50	1
2					0	0	200	0	745		42	100	2
3					0	0	237	0	745		85	100	3
4					0	0	312	0	745		85	100	4
5					0	0	350	0	599		85	100	5
6					0	0	350	0	375		85	100	6
7					0	0	350	0	225		85	100	7
8					0	0	350	0	150		210	150	8
9					0	0	278	0	150		422	200	9
10					0	0	175	0	75		510	150	10
11					0	0	100	0	0		423	50	11
12	N	N	N	N	0	0	50	0	0	N	360	0	12
13	O	O	O	O	0	0	50	0	0	O	385	0	13
14					0	0	50	0	0		385	0	14
15					100	0	50	0	0		385	0	15
16	F	F	F	F	29	0	50	100	0	F	489	0	16
17	L	L	L	L	0	0	50	200	200	L	535	0	17
18	O	O	O	O	0	0	25	200	400	O	435	0	18
19	W	W	W	W	0	0	0	200	400	W	385	0	19
20					0	0	0	200	400		385	0	20
21					0	0	0	100	204		385	0	21
22					0	0	0	0	0		385	0	22
23					0	0	75	18	0		385	0	23
24					0	0	297	142	0		385	0	24
25					0	0	450	375	0		335	0	25
26					0	50	450	575	0		220	0	26
27					0	146	431	650	0		77	0	27
28					0	200	450	670	0		0	0	28
29						200	325	718	0		0	0	29
30						200	100	745	0		0	0	30
31						200		745	0		0	0	31
MEAN													MEAN
MAX.					100	200	450	745	745		512	200	MAX.
MIN.					0	0	0	0	0		0	0	MIN.
AC. FT.					255	1580	11515	11184	12214		15770	2379	AC. FT.

Total Acre-Feet 54897

Table B-34b

CENTRAL VALLEY PROJECT WATER TO TULARE  
IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, MDB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-34 through B-34c show Central Valley Project water delivered to Tulare Irrigation District.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					0								4
5					0								5
6					0								6
7					0								7
8					0								8
9					0								9
10					0								10
11					0								11
12	N	N	N	N	0	N	N	N	N	N	N	N	12
13	O	O	O	O	0	O	O	O	O	O	O	O	13
14					0								14
15					0								15
16	F	F	F	F	0	F	F	F	F	F	F	F	16
17	L	L	L	L	0	L	L	L	L	L	L	L	17
18	O	O	O	O	0	O	O	O	O	O	O	O	18
19	W	W	W	W	0	W	W	W	W	W	W	W	19
20					99.8								20
21					152								21
22					152								22
23					151								23
24					151								24
25					51.9								25
26					0								26
27					0								27
28					0								28
29					0								29
30													30
31													31
MEAN					152								MEAN
MAX.					0								MAX.
MIN.					1501								MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1501

Table B-34b (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	375	95	88	1
2									0	500	70	221	2
3									0	575	45	325	3
4									0	575	45	325	4
5									0	475	82	325	5
6									0	325	120	325	6
7									0	275	94	325	7
8									0	275	70	325	8
9									0	250	60	325	9
10									0	175	50	325	10
11									0	86	50	325	11
12	N	N	N	N	N	N	N	N	0	50	50	325	12
13	O	O	O	O	O	O	O	O	0	50	50	325	13
14									0	50	50	325	14
15									0	141	50	325	15
16	F	F	F	F	F	F	F	F	0	225	50	325	16
17	L	L	L	L	L	L	L	L	0	173	50	325	17
18	O	O	O	O	O	O	O	O	0	78	50	325	18
19	W	W	W	W	W	W	W	W	0	35	100	325	19
20									0	35	187	325	20
21									0	35	225	325	21
22									0	35	225	325	22
23									0	35	225	325	23
24									0	35	225	325	24
25									0	35	275	325	25
26									0	35	397	325	26
27									50	35	475	325	27
28									100	35	379	325	28
29									125	65	275	325	29
30									238	94	200	325	30
31										94	81	325	31
MEAN									238	575	475	325	MEAN
MAX.									0	35	45	88	MAX.
MIN.									1017	10425	8723	18673	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 38838

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT TO TULARE IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	325	0			0	0	150	415	0	340			1
2	325	0			0	0	150	427	50	340			2
3	325	0			0	0	227	435	150	340			3
4	359	0			0	0	265	435	200	340			4
5	400	0			0	0	265	435	100	156			5
6	400	0			0	0	332	435	0	0			6
7	400	0			0	0	365	435	0	0			7
8	400	0			30	0	365	335	16	0			8
9	400	0			88	0	365	235	31	0			9
10	400	0			125	0	365	117	81	0			10
11	375	83			95	0	365	0	131	0			11
12	350	0	N	N	32	0	365	0	114	0	N	N	12
13	350	0	O	O	0	0	365	0	74	0	O	O	13
14	350	0			0	0	365	0	51	0			14
15	350	0			48	0	365	0	85	0			15
16	350	0	F	F	129	0	276	0	205	0	F	F	16
17	350	0	L	L	175	0	100	0	290	0	L	L	17
18	350	0	O	O	175	0	100	0	290	0	O	O	18
19	350	0	W	W	175	0	100	0	315	0	W	W	19
20	350	0			175	0	100	0	340	0			20
21	350	0			175	0	100	0	340	0			21
22	275	0			175	50	100	0	340	0			22
23	100	0			175	100	125	0	340	0			23
24	0	0			175	167	150	0	340	0			24
25	0	0			215	200	282	0	340	0			25
26	0	0			235	167	415	0	340	0			26
27	0	0			235	150	391	0	340	0			27
28	0	0			117	150	391	0	340	0			28
29	0	0				150	398	0	340	0			29
30	0	0				150	415	0	340	0			30
31	0	0				150		0	340	0			31
MEAN									400	83			MEAN
MAX.	400	83			235	200	415	435	340	340			MAX.
MIN.	0	0			0	0	100	0	0	0			MIN.
AC. FT.	15833	164			5151	2846	16098	7347	11743	3005			AC. FT.

Total Acre-Feet 62487

Table B-34b (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT LOWER KAWAHEM RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	200	0	650		0	50	1
2					0	0	200	0	650		110	150	2
3					0	0	200	0	650		220	200	3
4					0	0	274	0	650		220	200	4
5					0	0	350	0	550		220	200	5
6					0	0	350	0	375		220	200	6
7					0	0	350	0	225		220	200	7
8					0	0	350	0	150		220	300	8
9					0	0	274	0	150		308	400	9
10					0	0	175	0	75		395	300	10
11					0	0	100	0	0		308	100	11
12	N	N	N	N	0	0	50	0	0	N	245	0	12
13	O	O	O	O	0	0	50	0	0	O	270	0	13
14					0	0	50	0	0		270	0	14
15					100	0	50	0	0		270	0	15
16	F	F	F	F	33	0	50	100	0	F	364	0	16
17	L	L	L	L	0	0	50	200	38	L	500	32	17
18	O	O	O	O	0	0	25	200	75	O	600	65	18
19	W	W	W	W	0	0	0	200	75	W	650	65	19
20					0	0	0	200	75		650	65	20
21					0	0	0	100	39		650	65	21
22					0	0	0	0	0		650	65	22
23					0	0	75	18	0		650	65	23
24					0	0	288	138	0		650	65	24
25					0	0	450	370	0		600	65	25
26					0	0	450	571	0		410	65	26
27					0	50	431	650	0		135	65	27
28					0	150	450	650	0		0	65	28
29						200	330	650	0		0	32	29
30						200	100	650	0		0	0	30
31						200		650			0		31
MEAN					100	200	450	650	650		650	400	MEAN
MAX.					0	0	0	0	0		0	0	MAX.
MIN.					263	1588	11353	10607	8781		19842	6108	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 58542

Table B-34c

CENTRAL VALLEY PROJECT WATER TO TULARE  
IRRIGATION DISTRICT THROUGH LAKESIDE HEADGATE

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M08&14. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-34 through B-34c show Central Valley Project water delivered to Tulare Irrigation District.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								0	124				1
2								0	150				2
3								0	137				3
4								0	145				4
5								0	0				5
6								0	0				6
7								0	0				7
8								0	0				8
9								0	0				9
10								0	0				10
11								0	0				11
12	N	N	N	N	N	N	N	0	0	N	N	N	12
13	O	O	O	O	O	O	O	0	0	O	O	O	13
14								0	0				14
15								0	0				15
16	F	F	F	F	F	F	F	0	0	F	F	F	16
17	L	L	L	L	L	L	L	0	0	L	L	L	17
18	O	O	O	O	O	O	O	0	0	O	O	O	18
19	W	W	W	W	W	W	W	0	0	W	W	W	19
20								0	0				20
21								0	0				21
22								0	0				22
23								0	0				23
24								0	0				24
25								85	0				25
26								160	0				26
27								133	0				27
28								78	0				28
29								115	0				29
30								127	0				30
31								124					31
MEAN								160	150				MEAN
MAX.								0	0				MAX.
MIN.								1631	1103				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2734



**Table B-35**

CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA  
WATER CONSERVATION DISTRICT AT ST. JOHNS RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M08&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-35 through B-35c show Central Valley Project water delivered to Kaweah Delta Water Conservation District.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	4.5						The USBR dewatered the Friant-Kern Canal and released these amounts in the St. Johns River.				1
2		0	13.1					2					
3		0	9.0					3					
4		0	5.5					4					
5		0	2.0					5					
6		0	0										6
7		0	0										7
8		0	0										8
9		0	0										9
10		0	0										10
11		0	0										11
12	N	0	0	N	N	N	N	N	N	N	N	N	12
13	O	0	0	O	O	O	O	O	O	O	O	O	13
14		0	0										14
15		0	0										15
16	F	0	0	F	F	F	F	F	F	F	F	F	16
17	L	0	0	L	L	L	L	L	L	L	L	L	17
18	O	0	0	O	O	O	O	O	O	O	O	O	18
19	W	0	0	W	W	W	W	W	W	W	W	W	19
20		0	0										20
21		0	0										21
22		0	0										22
23		0	0										23
24		0	0										24
25		0	0										25
26		0	0										26
27		0	0										27
28		0	0										28
29		0	0										29
30		20.7	0										30
31			0										31
MEAN													MEAN
MAX.		20.7	13.1										MAX.
MIN.		0	0										MIN.
AC. FT.		41	68										AC. FT.

Total Acre-Feet 109

Table B-35 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	175					0						1
2	0	175					0						2
3	0	175					0						3
4	0	175					0						4
5	0	175					0						5
6	0	175					0						6
7	0	175					0						7
8	0	175					0						8
9	0	175					0						9
10	0	175					0						10
11	0	82					0						11
12	0	0	N	N	N	N	0	N	N	N	N	N	12
13	0	0	O	O	O	O	0	O	O	O	O	O	13
14	0	0					0						14
15	0	0					0						15
16	0	0	F	F	F	F	23	F	F	F	F	F	16
17	0	0	L	L	L	L	70	L	L	L	L	L	17
18	0	0	O	O	O	O	70	O	O	O	O	O	18
19	0	0	W	W	W	W	70	W	W	W	W	W	19
20	0	0					70						20
21	0	0					70						21
22	0	0					70						22
23	0	0					70						23
24	0	0					13						24
25	0	0					0						25
26	0	0					0						26
27	0	0					0						27
28	13	0					0						28
29	26	0					0						29
30	125	0					0						30
31	175												31
MEAN													MEAN
MAX.	175	175					70						MAX.
MIN.	0	0					0						MIN.
AC. FT.	672	3632					1045						AC. FT.

Total Acre-Feet 5349

Table B-35a

CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA  
WATER CONSERVATION DISTRICT AT LOWER KAWEAH RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, MUB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-35 through B-35c show Central Valley Project water delivered to Kaweah Delta Water Conservation District.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	350					0						1
2	0	350					0						2
3	0	350					0						3
4	0	350					0						4
5	0	350					0						5
6	0	350					0						6
7	0	317					0						7
8	0	300					0						8
9	0	300					0						9
10	0	300					0						10
11	0	143					0						11
12	0	0	N	N	N	N	0	N	N	N	N	N	12
13	0	0	O	O	O	O	0	O	O	O	O	O	13
14	0	0					0						14
15	0	0					0						15
16	0	0	F	F	F	F	88	F	F	F	F	F	16
17	0	0	L	L	L	L	265	L	L	L	L	L	17
18	0	0	O	O	O	O	265	O	O	O	O	O	18
19	0	0	W	W	W	W	265	W	W	W	W	W	19
20	0	0					265						20
21	0	0					265						21
22	0	0					265						22
23	0	0					265						23
24	0	0					49						24
25	0	0					0						25
26	0	0					0						26
27	0	0					0						27
28	0	0					0						28
29	0	0					0						29
30	233	0					0						30
31	350												31
MEAN													MEAN
MAX.	350	350					265						MAX.
MIN.	0	0					0						MIN.
AC. FT.	1157	6861					3955						AC. FT.

Total Acre-Feet 11973

**Table B-35b**  
 CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA  
 WATER CONSERVATION DISTRICT AT FRIANT-KERN CANAL

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M08&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-35 through B-35c show Central Valley Project water delivered to Kaweah Delta Water Conservation District.

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0												1
2	0												2
3	0												3
4	0												4
5	0												5
6	0												6
7	308												7
8	300												8
9	300												9
10	300												10
11	142												11
12	0	N	N	N	N	N	N	N	N	N	N	N	12
13	0	O	O	O	O	O	O	O	O	O	O	O	13
14	0												14
15	0												15
16	0	F	F	F	F	F	F	F	F	F	F	F	16
17	0	L	L	L	L	L	L	L	L	L	L	L	17
18	0	O	O	O	O	O	O	O	O	O	O	O	18
19	0	W	W	W	W	W	W	W	W	W	W	W	19
20	0												20
21	0												21
22	0												22
23	0												23
24	0												24
25	0												25
26	0												26
27	0												27
28	0												28
29	0												29
30	0												30
31	0												31
MEAN													MEAN
MAX.	308												MAX.
MIN.	0												MIN.
AC. FT.	2678												AC. FT.

Total Acre-Feet 2678

Table B-35c

CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA  
WATER CONSERVATION DISTRICT THROUGH LAKESIDE HEADGATE

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M08&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-35 through B-35c show Central Valley Project water delivered to Kaweah Delta Water Conservation District.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0						0						1
2	0						0						2
3	0						0						3
4	0						0						4
5	0						0						5
6	0						0						6
7	0						0						7
8	0						0						8
9	0						0						9
10	0						0						10
11	0						0						11
12	0	N	N	N	N	N	0	N	N	N	N	N	12
13	0	O	O	O	O	O	0	O	O	O	O	O	13
14	0						0						14
15	0						0						15
16	30	F	F	F	F	F	0	F	F	F	F	F	16
17	38	L	L	L	L	L	0	L	L	L	L	L	17
18	16	O	O	O	O	O	0	O	O	O	O	O	18
19	27	W	W	W	W	W	1	W	W	W	W	W	19
20	61						9						20
21	60						5						21
22	55						5						22
23	43						13						23
24	21						0						24
25	0						0						25
26	0						0						26
27	0						13						27
28	0						0						28
29	0						19						29
30	0						26						30
31	0												31
MEAN													MEAN
MAX.	60						26						MAX.
MIN.	0						0						MIN.
AC. FT.	696						180						AC. FT.

Total Acre-Feet 876

Table B-36

CENTRAL VALLEY PROJECT WATER TO LAKESIDE  
IRRIGATION WATER DISTRICT AT ST. JOHNS RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M08&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-36 and B-36a show Central Valley Project water delivered to Lakeside Irrigation District.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO LAKESIDE IRRIGATION WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					0								4
5					0								5
6					0								6
7					0								7
8					0								8
9					0								9
10					0								10
11					0								11
12	N	N	N	N	75	N	N	N	N	N	N	N	12
13	O	O	O	O	150	O	O	O	O	O	O	O	13
14					150								14
15					217								15
16	F	F	F	F	250	F	F	F	F	F	F	F	16
17	L	L	L	L	250	L	L	L	L	L	L	L	17
18	O	O	O	O	250	O	O	O	O	O	O	O	18
19	W	W	W	W	227	W	W	W	W	W	W	W	19
20					215								20
21					215								21
22					198								22
23					190								23
24					190								24
25					190								25
26					56								26
27					0								27
28					0								28
29													29
30													30
31													31
MEAN													MEAN
MAX.					250								MAX.
MIN.					0								MIN.
AC. FT.					5600								AC. FT.

Total Acre-Feet 5600

Table B-36a

CENTRAL VALLEY PROJECT WATER TO LAKESIDE  
IRRIGATION WATER DISTRICT THROUGH LAKESIDE HEADGATE

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M00&W. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-36 and B-36a show Central Valley Project water delivered to Lakeside Irrigation District.

DAILY MEAN DISCHARGE  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO LAKESIDE IRRIGATION WATER DISTRICT THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					0								4
5					0								5
6					0								6
7					0								7
8					0								8
9					0								9
10					0								10
11					0								11
12	N	N	N	N	0	N	N	N	N	N	N	N	12
13	O	O	O	O	74	O	O	O	O	O	O	O	13
14					74								14
15					110								15
16	F	F	F	F	199	F	F	F	F	F	F	F	16
17	L	L	L	L	186	L	L	L	L	L	L	L	17
18	O	O	O	O	210	O	O	O	O	O	O	O	18
19	W	W	W	W	229	W	W	W	W	W	W	W	19
20					211								20
21					208								21
22					207								22
23					215								23
24					190								24
25					190								25
26					190								26
27					0								27
28					0								28
29													29
30													30
31													31
MEAN					229								MEAN
MAX.					0								MAX.
MIN.					4945								MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4945

Table B-37

CENTRAL VALLEY PROJECT WATER TO KINGS  
COUNTY WATER DISTRICT AT ST. JOHNS RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E. MDB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-37 through B-37d show Central Valley Project water delivered to Kings County Water District.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1												0	1
2												0	2
3												0	3
4												0	4
5												0	5
6												0	6
7												0	7
8												0	8
9												0	9
10												0	10
11												0	11
12	N	N	N	N	N	N	N	N	N	N	N	0	12
13	O	O	O	O	O	O	O	O	O	O	O	0	13
14												0	14
15												0	15
16	F	F	F	F	F	F	F	F	F	F	F	0	16
17	L	L	L	L	L	L	L	L	L	L	L	0	17
18	O	O	O	O	O	O	O	O	O	O	O	0	18
19	W	W	W	W	W	W	W	W	W	W	W	33	19
20												50	20
21												50	21
22												50	22
23												50	23
24												33	24
25												10	25
26												0	26
27												0	27
28												0	28
29												0	29
30												0	30
31												0	31
MEAN												50	MEAN
MAX.												0	MAX.
MIN.												546	MIN.
AC. FT.												546	AC. FT.

Total Acre-Feet 546



Table B-37 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	200			0	0	145	119					1
2	0	200			0	0	225	88					2
3	0	200			0	0	225	80					3
4	0	233			0	0	225	80					4
5	0	250			100	0	225	80					5
6	0	250			215	0	225	80					6
7	62	250			250	0	250	80					7
8	125	250			310	0	375	80					8
9	125	250			387	0	375	80					9
10	125	86			425	0	375	80					10
11	125	92			375	0	278	80					11
12	135	275	N	N	162	0	225	80	N	N	N	N	12
13	140	275	O	O	0	0	225	80	O	O	O	O	13
14	140	242			0	0	225	80					14
15	140	69			0	0	60	80					15
16	160	0	F	F	0	0	0	80	F	F	F	F	16
17	170	0	L	L	0	0	0	80	L	L	L	L	17
18	137	0	O	O	0	0	0	80	O	O	O	O	18
19	87	0	W	W	0	0	0	65	W	W	W	W	19
20	70	0			0	0	0	0					20
21	102	0			0	0	0	0					21
22	107	0			0	0	0	0					22
23	100	0			0	133	71	0					23
24	87	0			0	233	155	0					24
25	80	0			0	283	155	0					25
26	93	0			0	300	155	0					26
27	100	0			0	250	155	0					27
28	117	0			0	192	155	0					28
29	180	0				175	149	0					29
30	200	0				148	155	0					30
31	200	0				0		0					31
MEAN													MEAN
MAX.	200	275			425	300	375	119					MAX.
MIN.	0	0			0	0	0	0					MIN.
AC. FT.	6165	6193			4411	3100	9533	3083					AC. FT.

Total Acre-Feet 32786

**Table B-37a**  
 CENTRAL VALLEY PROJECT WATER TO KINGS  
 COUNTY WATER DISTRICT AT LOWER KAWEAH RIVER

**Point of Diversion:** To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E. **MUB&M:** To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

**Remarks:** Tables B-37 through B-37d show Central Valley Project water delivered to Kings County Water District.

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					0								4
5					0								5
6					62								6
7					100								7
8					130								8
9					175								9
10					200								10
11					152								11
12	N	N	N	N	52	N	N	N	N	N	N	N	12
13	O	O	O	O	0	O	O	O	O	O	O	O	13
14					0								14
15					0								15
16	F	F	F	F	0	F	F	F	F	F	F	F	16
17	L	L	L	L	0	L	L	L	L	L	L	L	17
18	O	O	O	O	0	O	O	O	O	O	O	O	18
19	W	W	W	W	0	W	W	W	W	W	W	W	19
20					0								20
21					0								21
22					0								22
23					0								23
24					0								24
25					0								25
26					0								26
27					0								27
28					0								28
29					0								29
30					0								30
31					0								31
MEAN													MEAN
MAX.					175								MAX.
MIN.					0								MIN.
AC. FT.					1727								AC. FT.

Total Acre-Feet 1727

**Table B-37b**  
 CENTRAL VALLEY PROJECT WATER TO KINGS  
 COUNTY WATER DISTRICT THROUGH LAKESIDE HEADGATE

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E. MDB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-37 through B-37d show Central Valley Project water delivered to Kings County Water District.

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	109	94			0	0	115	148					1
2	124	94			0	0	135	119					2
3	114	63			0	0	140	88					3
4	105	58			0	0	134	80					4
5	98	82			54	0	130	80					5
6	101	93			98	0	113	80					6
7	99	91			193	0	103	80					7
8	119	105			207	0	114	80					8
9	123	117			206	0	135	80					9
10	112	130			190	0	134	80					10
11	105	63			159	0	147	80					11
12	104	68	N	N	112	0	135	80	N	N	N	N	12
13	114	113	O	O	0	0	98	80	O	O	O	O	13
14	119	94			0	0	112	80					14
15	139	102			0	0	177	80					15
16	140	69	F	F	0	0	60	80	F	F	F	F	16
17	160	0	L	L	0	0	0	80	L	L	L	L	17
18	170	0	O	O	0	0	0	80	O	O	O	O	18
19	137	0	W	W	0	0	0	80	W	W	W	W	19
20	87	0			0	0	0	65					20
21	70	0			0	0	0	0					21
22	103	0			0	0	0	0					22
23	107	0			0	0	0	0					23
24	100	0			0	0	81	0					24
25	87	0			0	49	105	0					25
26	80	0			0	187	149	0					26
27	85	0			0	190	155	0					27
28	31	0			0	186	152	0					28
29	6	0				187	155	0					29
30	34	0				187	149	0					30
31	82					143		0					31
MEAN	170	130			207	190	177	148					MEAN
MAX.	0	0			0	0	0	0					MAX.
MIN.	6276	2648			2418	2239	5808	3372					MIN.
AC. FT.													AC. FT.

Total Acre-Feet 22961

**Table B-37c**  
 CENTRAL VALLEY PROJECT WATER FROM KINGS  
 COUNTY WATER DISTRICT THROUGH LAKESIDE HEADGATE

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E. MOB&M: To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-37 through B-37d show Central Valley Project water delivered to Kings County Water District.

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CENTRAL VALLEY PROJECT WATER FROM KINGS COUNTY WATER DISTRICT THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1												0	1
2												0	2
3												0	3
4												0	4
5												0	5
6												0	6
7												0	7
8												0	8
9												0	9
10												0	10
11												0	11
12	N	N	N	N	N	N	N	N	N	N	N	0	12
13	O	O	O	O	O	O	O	O	O	O	O	0	13
14												0	14
15												0	15
16	F	F	F	F	F	F	F	F	F	F	F	0	16
17	L	L	L	L	L	L	L	L	L	L	L	0	17
18	O	O	O	O	O	O	O	O	O	O	O	0	18
19	W	W	W	W	W	W	W	W	W	W	W	0	19
20												50	20
21												50	21
22												50	22
23												50	23
24												50	24
25												25	25
26												0	26
27												0	27
28												0	28
29												0	29
30												0	30
31												0	31
MEAN												50	MEAN
MAX.												0	MAX.
MIN.												0	MIN.
AC. FT.												546	AC. FT.

Total Acre-Feet 546

**Table B-37d**  
 CENTRAL VALLEY PROJECT WATER TO KINGS  
 COUNTY WATER DISTRICT AT KINGS RIVER WASTEWAY

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E. MUB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-37 through B-37d show Central Valley Project water delivered to Kings County Water District.

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT KINGS RIVER WASTEWAY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	124												1
2	128												2
3	123												3
4	123												4
5	125												5
6	125												6
7	80												7
8	0												8
9	0												9
10	0												10
11	0												11
12	0	N	N	N	N	N	N	N	N	N	N	N	12
13	0	O	O	O	O	O	O	O	O	O	O	O	13
14	0												14
15	0												15
16	0	F	F	F	F	F	F	F	F	F	F	F	16
17	0	L	L	L	L	L	L	L	L	L	L	L	17
18	0	O	O	O	O	O	O	O	O	O	O	O	18
19	0	W	W	W	W	W	W	W	W	W	W	W	19
20	0												20
21	0												21
22	0												22
23	0												23
24	131												24
25	395												25
26	395												26
27	428												27
28	390												28
29	390												29
30	390												30
31	260												31
MEAN													MEAN
MAX.	428												MAX.
MIN.	0												MIN.
AC. FT.	7154												AC. FT.

Total Acre-Feet 7154

**Table B-38**  
 CENTRAL VALLEY PROJECT WATER TO  
 CITY OF VISALIA AT ST. JOHNS RIVER

Point of Diversion: On the north side of St. Johns River, west side of Friant-Kern Canal at the St. Johns Wasteway in the northwest 1/4 of Section 1, T18S, R26E, M8B&M.

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO THE CITY OF VISALIA AT THE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	5		1
2										0	0		2
3										0	0		3
4										0	0		4
5										0	0		5
6										0	0		6
7										0	0		7
8										0	0		8
9										0	0		9
10										0	0		10
11										0	0		11
12	N	N	N	N	N	N	N	N	N	0	0	N	12
13	O	O	O	O	O	O	O	O	O	0	0	O	13
14										0	0		14
15										0	0		15
16	F	F	F	F	F	F	F	F	F	0	0	F	16
17	L	L	L	L	L	L	L	L	L	0	0	L	17
18	O	O	O	O	O	O	O	O	O	0	0	O	18
19	W	W	W	W	W	W	W	W	W	0	0	W	19
20										0	0		20
21										0	0		21
22										0	0		22
23										5	0		23
24										10	0		24
25										15	0		25
26										20	0		26
27										20	0		27
28										20	0		28
29										20	0		29
30										20	0		30
31										16	0		31
MEAN										20	5		MEAN
MAX.										0	0		MAX.
MIN.										0	0		MIN.
AC. FT.										291	9		AC. FT.

Total Acre-Feet 300

Table B-38 (Cont'd)

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CENTRAL VALLEY PROJECT WATER TO CITY OF VISALIA AT THE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0			1
2										0			2
3										0			3
4										0			4
5										0			5
6										0			6
7										0			7
8										0			8
9										0			9
10										0			10
11										0			11
12	N	N	N	N	N	N	N	N	N	0	N	N	12
13	O	O	O	O	O	O	O	O	O	0	O	O	13
14										0			14
15										0			15
16	F	F	F	F	F	F	F	F	F	0	F	F	16
17	L	L	L	L	L	L	L	L	L	0	L	L	17
18	O	O	O	O	O	O	O	O	O	0	O	O	18
19	W	W	W	W	W	W	W	W	W	0	W	W	19
20										0			20
21										0			21
22										0			22
23										10			23
24										20			24
25										20			25
26										20			26
27										20			27
28										20			28
29										20			29
30										20			30
31										14			31
MEAN										20			MEAN
MAX.										0			MAX.
MIN.										328			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 328

**Table B-39**  
 CENTRAL VALLEY PROJECT  
 OPERATIONAL SPILL AT ST. JOHNS RIVER

Point of Diversion: On the north side of St. Johns River, west side of Friant-Kern Canal at the St. Johns Wasteway in the northwest 1/4 of Section 1, T18S, R26E, M08&M.

**DAILY MEAN DISCHARGE**  
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT OPERATIONAL SPILL AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0											1
2		0											2
3		0											3
4		0											4
5		0											5
6		0											6
7		0											7
8		0											8
9		0											9
10		0											10
11		0											11
12	N	0	N	N	N	N	N	N	N	N	N	N	12
13	O	0	O	O	O	O	O	O	O	O	O	O	13
14		0											14
15		0											15
16	F	0	F	F	F	F	F	F	F	F	F	F	16
17	L	0	L	L	L	L	L	L	L	L	L	L	17
18	O	0	O	O	O	O	O	O	O	O	O	O	18
19	W	0	W	W	W	W	W	W	W	W	W	W	19
20		0											20
21		0											21
22		0											22
23		0											23
24		0											24
25		0											25
26		0											26
27		0											27
28		31											28
29		22											29
30		0											30
31		0											31
MEAN													MEAN
MAX.		31											MAX.
MIN.		0											MIN.
AC. FT.		105											AC. FT.

Total Acre-Feet 105



APPENDIX C  
STORAGE OPERATIONS



## STORAGE OPERATIONS

This appendix presents data on daily storage in Terminus Reservoir for the Kaweah Delta Water Conservation District, irrigation districts and the various ditch companies within the Kaweah River service area for the period October 1, 1975 to September 30, 1980.

Data presented in this appendix consist of daily in-storage, out-storage, evaporation, release adjustments and adjusted storage totals in acre-feet for various entities within the service area.

Also presented are recreation storage figures for Tulare County and operation pool storage figures.

Table C-1

HAWKEYE DITCH

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	2.0		0.251	-1.999	230.600	2.0		0.040		288.708			0.048		335.065			0.048		333.565	1
2	2.0		0.202		232.398	2.0		0.080		290.688			0.048		335.017			0.049		333.516	2
3	2.0		0.153		234.245	2.0		0.123		292.507			0.048		334.969			0.049		333.467	3
4	2.0		0.205		236.040	2.0		0.123		294.384			0.055		334.874			0.049		333.418	4
5	2.0		0.207		237.836	2.0		0.041		296.243			0.059		334.775			0.049		333.369	5
6	2.0		0.208		239.625	2.0		0.0		298.043			0.048		334.731			0.049		333.320	6
7	2.0		0.148		241.477	2.0		0.043		300.300			0.049		334.682			0.049		333.271	7
8	2.0		0.153		243.324	2.0		0.0		302.300			0.049		334.633			0.049		333.222	8
9	2.0		0.102		245.222	2.0		0.044		304.256			0.049		334.584			0.050		333.172	9
10	2.0		0.051		247.171	2.0		0.045		306.211			0.049		334.535			0.050		333.122	10
11	2.0		0.092		249.079	2.0		0.090		308.121			0.049		334.486			0.0		333.122	11
12	2.0		0.132		250.947	2.0		0.136		309.985			0.0		334.436			0.0		333.122	12
13	2.0		0.130		252.837	2.0		0.136		311.849			0.0		334.436			0.051		333.071	13
14	2.0		0.128		254.689	2.0		0.183		313.666			0.049		334.437			0.051		333.020	14
15	2.0		0.168		256.521	2.0		0.185		315.481			0.048		334.389			0.051		332.969	15
16	2.0		0.126		258.395	2.0		0.093		317.388			0.048		334.341			0.103		332.866	16
17	2.0		0.126		260.269	2.0		0.047		319.341			0.048		334.293			0.103		332.815	17
18	2.0		0.084		262.185	2.0		0.095		321.246			0.048		334.245			0.103		332.660	18
19	2.0		0.085		264.100	2.0		0.096		323.150			0.047		334.148			0.052		332.608	19
20	2.0		0.170		265.950	2.0		0.097		325.053			0.049		334.099			0.104		332.504	20
21	2.0		0.171		267.759	2.0		0.097		326.956			0.096		334.001			0.105		332.399	21
22	2.0		0.129		269.530	2.0		0.098		328.858			0.049		333.952			0.106		332.293	22
23	2.0		0.129		271.301	2.0		0.099		330.760			0.049		333.903			0.106		332.185	23
24	2.0		0.130		273.071	2.0		0.050		332.710			0.049		333.854			0.095		332.130	24
25	2.0		0.131		274.840	2.0		0.099		334.611			0.049		333.805			0.095		332.075	25
26	2.0		0.044		277.196	-7		0.100		335.211			0.049		333.805			0.112		331.963	26
27	2.0		0.083		279.113	0.0		0.050		335.161			0.0		333.805			0.114		331.849	27
28	2.0		0.082		281.031	0.0		0.0		335.161			0.048		333.757			0.116		331.733	28
29	2.0		0.163		282.868	0.0		0.0		335.161			0.048		333.709			0.117		331.616	29
30	2.0		0.040		284.828	0.0		0.048		335.113			0.048		333.661			0.119		331.497	30
31	2.0		0.080		286.748	0.0		0.048		335.113			0.048		333.613			0.121		331.376	31
TOTAL	62.0		4.103	-1.999		50.7		2.335					1.500	2.237				2.237			TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1			0.122		331.254	1.2		0.041		330.634	2.0		0.114		389.436	2.0		0.177		445.525	1
2			0.124		331.130	2.0		0.041		332.593	2.0		0.141		391.295	2.0		0.175		447.352	2
3			0.125		331.005	2.0		0.040		334.553	2.0		0.084		393.211	2.0		0.188		449.164	3
4			0.054		331.005	2.0		0.039		336.514	2.0		0.088		395.183	2.0		0.185		450.979	4
5			0.064		330.941	2.0		0.117		338.397	2.0		0.095		397.128	2.0		0.145		452.834	5
6			0.064		330.877	2.0		0.077		340.320	2.0		0.136		399.092	2.0		0.126		454.708	6
7			0.0		330.877	2.0		0.114		342.206	2.0		0.106		400.984	2.0		0.178		456.530	7
8			0.0		330.877	2.0		0.113		344.093	2.0		0.080		402.804	2.0		0.209		458.301	8
9			0.059		330.877	2.0		0.037		346.056	2.0		0.079		404.725	2.0		0.225		460.076	9
10			0.059		330.818	2.0		0.037		348.019	2.0		0.078		406.647	2.0		0.205		461.871	10
11			0.058		330.760	2.0		0.036		349.983	2.0		0.052		408.595	2.0		0.184		463.687	11
12			0.057		330.703	2.0		0.108		351.875	2.0		0.077		410.518	2.0		0.278		465.409	12
13			0.056		330.647	2.0		0.108		353.767	2.0		0.087		412.431	2.0		0.302		467.107	13
14			0.055		330.592	2.0		0.106		355.660	2.0		0.101		414.330	2.0		0.280		468.887	14
15			0.054		330.538	2.0		0.105		357.556	2.0		0.075		416.255	2.0		0.264		470.583	15
16			0.053		330.485	2.0		0.127		359.419	2.0		0.150		418.105	2.0		0.241		472.342	16
17			0.052		330.433	2.0		0.160		361.251	2.0		0.149		420.096	2.0		0.223		474.119	17
18			0.103		330.330	2.0		0.099		363.152	2.0		0.123		421.833	2.0		0.191		475.968	18
19			0.091		330.279	2.0		0.130		365.022	2.0		0.171		423.662	2.0		0.190		477.738	19
20			0.050		330.229	2.0		0.129		366.893	2.0		0.168		425.494	2.0		0.189		479.549	20
21			0.099		330.130	2.0		0.128		368.765	2.0		0.165		427.329	2.0		0.202		481.347	21
22			0.098		330.032	2.0		0.095		370.670	2.0		0.161		429.168	2.0		0.172		483.175	22
23			0.096		329.936	2.0		0.094		372.576	2.0		0.158		431.017	2.0		0.192		484.976	23
24			0.095		329.841	2.0		0.123		374.453	2.0		0.178		432.839	2.0		0.195		486.795	24
25			0.047		329.794	2.0		0.091		376.362	2.0		0.196		434.643	2.0		0.212		488.579	25
26			0.093		329.701	2.0		0.150		378.212	2.0		0.193		436.450	2.0		0.253		490.326	26
27			0.092		329.609	2.0		0.060		380.152	2.0		0.190		438.260	2.0		0.280		492.046	27
28			0.090		329.519	2.0		0.118		382.034	2.0		0.188		440.072	2.0		0.209		493.877	28
29			0.044		329.475	2.0		0.137		383.897	2.0		0.185		441.887	2.0		0.208		495.629	29
30					329.419	2.0		0.174		385.753	2.0		0.185		443.702	2.0		0.180		497.449	30
31					329.370	2.0		0.173		387.550	2.0		0.185		445.502	2.0		0.194		499.255	31
TOTAL			1.901			61.2		3.125</													

Table C-1 (Cont'd)

HAWKEYE DITCH

DAY	OCTOBER 1976					NOVEMBER 1976					DECEMBER 1976					JANUARY 1977					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	2.1		0.150		659,515	2.2		0.021		23,493			0.005		15,273			0.003		15,126	1
2	2.1		0.219		661,396	2.2		0.016		25,677			0.005		15,268			0.003		15,121	2
3	2.2		0.234		663,382	2.2		0.019		27,898			0.005		15,263			0.003		15,118	3
4	2.1		0.282		665,200	2.2		0.021		30,047			0.005		15,258			0.003		15,113	4
5	2.2		0.350		667,050	2.2		0.029		32,218			0.005		15,253			0.002		15,113	5
6	2.2		0.374		668,876	2.2	0.0	0.031		34,387			0.005		15,248			0.002		15,111	6
7	2.2		0.521		670,555	0.0	7.9	0.019		26,468			0.005		15,243			0.002		15,109	7
8	2.2		0.443		672,312	0.0	7.7	0.010		18,798			0.005		15,238			0.002		15,107	8
9	2.2		0.515		673,997	0.0	7.7	0.005		16,049			0.003		15,235			0.002		15,105	9
10	2.2		0.512		675,685	0.0	7.7	0.008		15,341			0.005		15,230			0.0		15,105	10
11	2.2		0.437		677,448	0.0	0.0	0.003		15,398			0.005		15,225			0.002		15,103	11
12	2.2		0.436		679,212	0.0	0.0	0.003		15,398			0.005		15,220			0.002		15,101	12
13	2.2		0.507		680,905	0.0	0.0	0.003		15,335			0.005		15,215			0.002		15,099	13
14	2.2		0.434		682,671	0.0	0.0	0.003		15,332			0.005		15,210			0.0		15,099	14
15	2.2		0.433		684,438	0.0	0.0	0.003		15,329			0.005		15,205			0.0		15,099	15
16	2.2		0.360		686,278	0.0	0.0	0.006		15,323			0.008		15,197			0.002		15,097	16
17	2.2		0.432		688,046	0.0	0.0	0.003		15,320			0.008		15,189			0.002		15,095	17
18	2.2		0.432		689,814	0.0	0.0	0.003		15,317			0.005		15,184			0.002		15,093	18
19	2.2		0.432		691,582	0.0	0.0	0.003		15,314			0.005		15,179			0.002		15,091	19
20	2.2		0.360		693,422	0.0	0.0	0.003		15,311			0.005		15,174			0.002		15,089	20
21	2.2		0.438		695,164	0.0	0.0	0.003		15,308			0.003		15,171			0.002		15,087	21
22	2.2		0.371		697,013	0.0	0.0	0.003		15,308			0.005		15,166			0.002		15,085	22
23	2.2		0.226		698,987	0.0	0.0	0.003		15,305			0.003		15,163			0.002		15,083	23
24	2.2	0.0	0.003		700,957	0.0	0.0	0.003		15,302			0.005		15,158			0.002		15,081	24
25	2.2	695.0	0.003		8,434	0.0	0.0	0.003		15,299			0.005		15,153			0.0		15,081	25
26	2.2	0.0	0.004		10,350	0.0	0.0	0.003		15,296			0.003		15,150			0.002		15,079	26
27	2.2	0.0	0.004		12,265	0.0	0.0	0.003		15,293			0.003		15,145			0.002		15,077	27
28	2.2		0.009		14,173	0.0	0.0	0.005		15,288			0.005		15,140			0.002		15,075	28
29	2.2		0.009		16,084	0.0	0.0	0.005		15,283			0.005		15,135			0.002		15,073	29
30	2.2		0.011		19,113	0.0	0.0	0.005		15,278			0.003		15,132			0.002		15,071	30
31	2.2		0.009		21,304	0.0	0.0	0.003		15,273			0.003		15,129			0.002		15,069	31
TOTAL	67.9	695.0 <sup>a</sup>	9.161			13.2	19.0	0.226					0.149					0.060			TOTAL
DAY	FEBRUARY 1977					MARCH 1977					APRIL 1977					MAY 1977					DAY
1			0.002		15,067	2.2		0.027		68,219	2.2		0.055		135,282	2.0		0.072		193,821	1
2			0.002		15,065	2.2		0.026		70,395	2.2		0.070		137,372	2.0		0.072		195,819	2
3	0.0		0.005		15,060	2.2		0.027		72,566	2.2		0.071		139,501	2.0		0.096		197,773	3
4	1.4		0.005		16,455	2.2		0.028		74,738	2.2		0.085		141,616	2.0		0.096		199,627	4
5	2.2		0.006		18,649	2.2		0.028		76,910	2.2		0.086		143,730	2.0		0.084		201,543	5
6	2.2		0.003		20,846	2.2		0.048		79,062	2.2		0.100		145,830	2.0		0.072		203,471	6
7	2.2		0.007		23,039	2.2		0.040		81,222	2.2		0.099		147,931	2.0		0.048		205,383	7
8	2.2		0.008		25,231	2.2		0.030		83,392	2.1		0.070		149,961	2.0		0.024		207,399	8
9	2.2		0.004		27,427	2.2		0.018		85,582	2.0		0.041		151,980	2.0		0.024		209,375	9
10	2.2		0.009		29,618	2.2		0.031		87,751	2.0		0.069		153,851	2.0		0.048		211,327	10
11	2.1		0.005		31,709	2.2		0.032		89,919	2.0		0.083		155,762	2.0		0.036		213,291	11
12	2.0		0.010		33,699	2.2		0.033		92,087	2.0		0.047		157,672	2.0		0.048		215,243	12
13	2.0		0.010		35,689	2.2		0.031		94,254	2.0		0.082		159,590	2.0		0.024		217,319	13
14	2.0		0.016		37,673	2.2		0.034		96,420	2.0		0.095		161,495	2.2		0.060		219,459	14
15	2.0		0.027		39,656	2.2		0.034		98,586	2.0		0.107		163,388	2.2		0.102		221,554	15
16	2.0		0.018		41,638	2.2		0.021		100,775	2.0		0.092		165,296	2.2		0.083		223,668	16
17	2.0		0.018		43,620	2.2		0.035		102,940	2.0		0.090		167,206	2.8		0.119		225,749	17
18	2.0		0.026		45,594	2.2		0.054		105,116	2.0		0.108		169,106	4.9		0.093		227,164	18
19	2.0		0.027		47,567	2.2		0.036		107,280	2.0		0.114		170,991	6.0		0.110		227,094	19
20	2.0		0.014		49,553	2.2		0.037		109,443	2.0		0.126		172,665	6.0		0.124		228,930	20
21	2.0		0.0		51,553	2.2		0.049		111,594	2.0		0.113		174,752	6.0		0.136		228,794	21
22	2.0		0.014		53,539	2.2		0.062		113,732	2.0		0.100		176,652	6.0		0.099		229,695	22
23	2.0		0.007		55,532	2.2		0.090		115,882	2.0		0.125		178,527	4.3		0.062		228,933	23
24	2.0		0.008		57,524	2.2		0.038		118,044	2.0		0.087		180,440	2.0		0.073		226,160	24
25	2.1		0.023		59,521	2.2		0.023		120,231	2.0		0.099		182,341	2.0		0.110		225,520	25
26	2.1		0.024		61,677	2.2		0.052		122,379	2.0		0.074		184,267	2.0		0.109		225,141	26
27	2.2		0.015		63,861	2.2		0.065		124,513	2.0		0.086		186,181	2.0		0.120		225,021	27
28	2.2		0.025		66,036	2.2		0.093		126,650	2.0		0.099		188,084	2.0		0.130		226,891	28
29	2.2		0.0			2.2		0.067		128,793	2.0		0.085		189,999	2.0		0.164		270,727	29
30	2.2		0.0			2.2		0.041		130,952	2.0		0.036		191,963	2.0		0.161		272,566	30
31	2.2		0.0			2.2		0.095		133,097	2.0		0.070		193,923	2.0		0.170		274,396	31
TOTAL	51.3		0.333			68.2		1.139			61.5		2.634			85.2		2.767			TOTAL
DAY	JUNE 1977					JULY 1977					AUGUST 1977					SEPTEMBER 1977					DAY
1	2.0		0.178		276,218	2.0		0.208		331,534	2.0		0.403		394,457	2.2		0.540		439,651	1
2	2.0		0.142		278,076	2.0		0.238		333,296	2.1		0.420		396,137	2.2		0.480		441,371	2
3	2.0		0.163		279,913	2.0		0.256		335,066	2.2		0.404		397,933	2.2		0.559		443,012	3
4	2.0		0.172		281,741	2.0		0.209		336,857	2.2		0.323		399,810	2.1		0.268		444,544	4
5	2.0		0.139		283,602	2.0		0.213		338,644	2.2		0.369		401,641	2.0	0.0	0.631		445,893	5
6	2.0		0.149		285,453	2.0		0.231		340,433	2.2		0.349		393,492	.7	2.4	0.655		443,328	6
7	2.0		0.180		287,273	2.0		0.264		342,149	2.2		0.290		395,402	0.0	4.0	0.694		443,884	7
8	2.0		0.116		289,157	2.0		0.242		343,9											

Table C-1 (Cont'd)

HAWKEYE DITCH

DAY	OCTOBER 1977					NOVEMBER 1977					DECEMBER 1977					JUNE 1978					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	2.2		0.332		394.513	2.2		0.206		452.237	2.2		0.104		513.132						1
2	2.2		0.420		396.293	2.2		0.310		454.127	2.2		0.104		515.228						2
3	2.2		0.509		397.984	2.2		0.312		456.013	2.2		0.105		517.323						3
4	2.2		0.429		399.755	2.2		0.309		458.112	2.2		0.104		519.419						4
5	2.2		0.366		401.609	2.2		0.104		460.208	2.2		0.104		521.515						5
6	2.2		0.174		403.615	2.2		0.210		462.198	2.2		0.105		523.610						6
7	2.2		0.347		405.488	2.2		0.207		464.191	2.2		0.105		525.705						7
8	2.2		0.350		407.338	2.2		0.207		466.184	2.2		0.105		527.800						8
9	2.2		0.353		409.185	2.2		0.207		468.177	2.1		0.104		529.796						9
10	2.2		0.356		411.029	2.2		0.207		470.170	2.0		0.105		531.691						10
11	2.2		0.449		412.780	2.2		0.311		472.059	2.0		0.210		533.481						11
12	2.2		0.453		414.527	2.2		0.208		474.051	2.0		0.0		535.481						12
13	2.2		0.365		416.362	2.2		0.104		476.147	2.0		0.106		537.375						13
14	2.2		0.461		418.101	2.2		0.208		478.139	2.0		0.106		539.269						14
15	2.2		0.465		419.836	2.2		0.208		480.131	2.0		0.106		541.163						15
16	2.2		0.470		421.566	2.2		0.209		482.122	2.1		0.104		543.159						16
17	2.2		0.379		423.397	2.2		0.209		484.113	2.2		0.089		545.270						17
18	2.2		0.383		425.204	2.2		0.210		486.103	2.2		0.084		547.386						18
19	2.2		0.290		427.114	2.2		0.215		487.988	2.2		0.082		549.504						19
20	2.2		0.292		429.022	2.2		0.105		490.083	2.2		0.082		551.622						20
21	2.2		0.293		430.929	2.2		0.105		492.178	2.2		0.081		553.741						21
22	2.2		0.295		432.834	2.2		0.105		494.273	2.2		0.076		555.860						22
23	2.2		0.296		434.738	2.2		0.105		496.368	2.2		0.076		557.904						23
24	2.2		0.298		436.640	2.2		0.105		498.463	2.2		0.148		559.956						24
25	2.2		0.299		438.541	2.2		0.105		500.558	2.2		0.073		562.083						25
26	2.2		0.301		440.440	2.2		0.105		502.653	2.2		0.0		564.283						26
27	2.2		0.302		442.338	2.2		0.105		504.748	2.2		0.055	-566.428	0.0					296.000	27
28	2.2		0.196		444.342	2.2		0.104		506.844	0.0		0.0							297.129	28
29	2.2		0.198		446.246	2.2		0.104		508.940	2.2		0.0							299.053	29
30	2.2		0.198		448.248	2.2		0.104		511.036	2.2		0.0							260.973	30
31	2.2		0.205		450.243	2.2					2.0										21
TOTAL	68.2		10.602			68.2		5.207			58.0		2.608	-566.428 <sup>0</sup>		5.2		0.227			TOTAL
DAY	JULY 1978					AUGUST 1978					SEPTEMBER 1978					OCTOBER 1978					DAY
1	2.0		0.088		262.885	2.0		0.178		320.980	2.0		0.361		375.433	2.0		0.336		428.435	1
2	2.0		0.084		264.801	2.0		0.186		322.794	2.0		0.450		376.33	2.0		0.343		430.092	2
3	2.0		0.092		266.709	2.0		0.194		324.600	2.0		0.371		378.612	2.0		0.351		431.741	3
4	2.0		0.092		268.617	2.0		0.214		326.419	2.0		0.360		380.612	2.0		0.360		433.381	4
5	2.0		0.093		270.524	2.0		0.213		328.246	2.0		0.0		382.612	2.0		0.368		435.013	5
6	2.0		0.109		272.422	2.0		0.281		329.965	2.0		0.140		384.472	2.0		0.282		436.731	6
7	2.0		0.111		274.311	2.0		0.234		331.731	2.0		0.168		386.309	2.0		0.298		438.473	7
8	2.0		0.112		276.199	2.0		0.183		333.548	2.0		0.201		388.103	2.0		0.241		440.252	8
9	2.0		0.126		278.073	2.0		0.206		335.342	2.0		0.202		389.901	2.0		0.243		442.009	9
10	2.0		0.123		279.950	2.0		0.234		337.111	2.0		0.170		391.731	2.0		0.255		443.734	10
11	2.0		0.104		281.846	2.0		0.195		338.916	2.0		0.171		393.560	2.0		0.301		445.413	11
12	2.0		0.100		283.746	2.0		0.210		340.706	2.0		0.208		395.352	2.0		0.307		447.106	12
13	2.0		0.121		285.625	2.0		0.225		342.481	2.0		0.176		397.176	2.0		0.313		448.793	13
14	2.0		0.114		287.511	2.0		0.226		344.255	2.0		0.176		399.000	2.0		0.325		450.468	14
15	2.0		0.116		289.395	2.0		0.261		346.094	2.0		0.246		400.754	2.0		0.326		452.142	15
16	2.0		0.123		291.272	2.0		0.262		347.732	2.0		0.282		402.472	2.0		0.167		453.975	16
17	2.0		0.135		293.137	2.0		0.285		349.447	2.0		0.247		404.225	2.0		0.277		455.748	17
18	2.0		0.143		294.994	2.0		0.238		351.209	2.0		0.213		407.015	2.0		0.173		457.575	18
19	2.0		0.132		296.862	2.0		0.273		352.956	2.0		0.214		407.798	2.0		0.237		459.398	19
20	2.0		0.152		298.710	2.0		0.288		354.668	2.0		0.252		409.546	2.0		0.177		461.161	20
21	2.0		0.130		300.580	2.0		0.250		356.418	2.0		0.254		411.292	2.0		0.124		463.037	21
22	2.0		0.139		302.441	2.0		0.237		358.181	2.0		0.293		412.939	2.0		0.139		464.840	22
23	2.0		0.146		304.275	2.0		0.223		359.998	2.0		0.296		414.703	2.0		0.360		466.480	23
24	2.0		0.147		306.128	2.0		0.208		361.750	2.0		0.261		416.442	2.0		0.321		468.159	24
25	2.0		0.085		308.043	2.0		0.213		363.499	2.0		0.302		418.140	2.0		0.322		469.837	25
26	2.0		0.131		309.912	2.0		0.227		365.272	2.0		0.267		419.873	2.0		0.380		471.517	26
27	2.0		0.143		311.769	2.0		0.269		367.003	2.0		0.254		421.619	2.0		0.239		473.278	27
28	2.0		0.148		313.621	2.0		0.285		368.718	2.0		0.237		423.382	2.0		0.317		474.961	28
29	2.0		0.140		315.481	2.0		0.246		370.412	2.0		0.282		425.100	2.0		0.158		476.803	29
30	2.0		0.159		317.322	2.0		0.294		372.128	2.0		0.297		426.771	2.0		0.236		478.567	30
31	2.0		0.164		319.158	2.0		0.324		373.794	2.0					2.0		0.085		480.482	31
TOTAL	62.0		7.815			62.0		7.364			60.0		7.023			62.0		8.289			TOTAL
DAY	NOVEMBER 1978					DECEMBER 1978					JANUARY 1979					FEBRUARY 1979					DAY
1	2.0		0.169		482.313	2.0		0.004		10.092	2.0		0.010		71.972	2.0		0.020		133.639	1
2	2.0		0.168		484.145	2.0		0.002		12.090	2.0		0.010		73.962	2.0		0.020		135.619	2
3	2.0		0.166		485.979	2.0		0.004		14.086	2.0		0.010		75.952	2.0		0.022		137.597	3
4	2.0		0.165		487.814	2.0		0.002		16.084	2.0		0.010		77.942	2.0		0.023		139.574	4
5	2.0		0.164		489.650	2.0		0.006		18.082	2.0		0.011		79.932	2.0		0.024		141.550	5
6	2.0		0.245		491.405	2.0		0.003		20.079	2.0		0.012		81.919	2.0		0.025		143.525	6
7	2.0		0.162		493.243	2.0		0.003		22.076	2.0		0.011		83.908	2.0		0.026		145.499	7
8	2.0		0.242		495.020	2.0		0.003		24.073	2.0		0.0		85.908	2.0		0.026		147.473	8
9	2.0		0.161		496.840	2.0		0.003		26.070	2.0		0.012		87.896	2.0		0.026		149.447	9
10	2.0		0.080		498.76																

Table C-1 (Cont'd)

MANKEYE DITCH

DAY	MARCH 1979					APRIL 1979					MAY 1979					JUNE 1979					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	2.0		0.039		188.810	2.0		0.026		249.526	2.0		0.067		307.666		-2.2	0.138		308.383	1
2	2.0		0.034		190.776	2.0		0.060		251.466	2.0		0.066		309.600		0.0	0.134		308.249	2
3	2.0		0.051		182.725	2.0		0.060		253.406	2.0		0.085		311.515			0.121		308.129	3
4	2.0		0.051		196.674	2.0		0.067		255.339	2.1		0.093		313.562			0.107		308.023	4
5	2.0		0.050		196.624	2.0		0.067		257.272	2.2		0.090		315.632			0.115		307.906	5
6	2.0		0.048		198.576	2.0		0.033		259.239	2.2		0.080		317.752	0.0		0.127		307.779	6
7	2.0		0.063		200.533	2.0		0.048		261.191	2.2		0.049		319.903	1.2		0.107		308.872	7
8	2.0		0.060		202.453	2.0		0.064		263.127	2.2		0.036		322.067	2.0		0.134		310.738	8
9	2.0		0.058		204.395	2.0		0.047		265.080	2.0		0.079		324.188	2.0		0.135		312.603	9
10	2.0		0.056		206.339	2.0		0.054		267.026	2.2		0.058		326.290	2.0		0.145		314.458	10
11	2.0		0.040		208.299	2.0		0.047		268.979	2.2		0.110		328.380	2.0		0.165		316.293	11
12	2.0		0.052		210.247	2.0		0.046		270.933	2.2		0.134		330.446	2.0		0.135		318.158	12
13	2.0		0.053		212.194	2.0		0.063		272.872	2.0		0.145		332.501	2.0		0.118		320.043	13
14	2.0		0.082		214.169	2.0		0.076		274.796	2.2		0.149		334.552	2.0		0.108		321.935	14
15	2.0		0.043		216.126	2.0		0.077		276.719	2.2		0.124		336.628	2.0		0.105		323.830	15
16	2.0		0.024		218.102	2.0		0.074		278.645	2.2		0.104		338.724	2.0		0.112		325.718	16
17	2.0		0.012		220.090	2.0		0.051		280.594	2.2		0.120		340.804	2.0		0.089		327.689	17
18	2.0		0.046		222.044	2.0		0.058		282.536	2.0		0.122		342.920	2.0		0.116		329.513	18
19	2.0		0.011		224.033	2.0		0.064		284.470	2.0		0.115		344.977	2.0		0.089		331.394	19
20	2.0		0.045		225.998	2.0		0.073		286.397	2.0		0.113		346.964	2.0		0.112		333.272	20
21	2.0		0.033		227.955	2.0		0.073		288.324	2.0		0.084		348.980	2.0		0.133		335.139	21
22	2.0		0.059		229.882	2.0		0.073		290.251	2.0		0.082		350.928	2.0		0.113		337.025	22
23	2.0		0.054		231.868	2.0		0.073		292.178	2.0		0.087		352.911	2.0		0.122		338.903	23
24	2.0		0.053		233.815	2.0		0.073		294.105	2.0		0.117		354.904	2.0		0.141		340.762	24
25	2.0		0.063		235.752	2.0		0.058		296.047	2.0		0.121		355.973	2.0		0.137		342.625	25
26	2.0		0.031		237.721	2.0		0.043		298.004	2.0		0.131		357.842	2.0		0.122		344.503	26
27	2.0		0.050		239.673	2.0		0.057		299.947	2.0		0.108		359.534	2.0		0.136		346.367	27
28	2.0		0.032		241.592	2.0		0.063		301.884	2.0		0.093		361.759	2.0		0.138		348.229	28
29	2.0		0.037		243.615	2.0		0.083		303.801	2.0		12.6	0.100	363.939	2.0		0.129		350.100	29
30	2.0		0.018		245.597	2.0		0.068		305.733	2.0		10.7	0.110	365.229	2.0		0.137		351.963	30
31	2.0		0.045		247.552	2.0					2.0		7.4	0.108	320.721	2.0					31
TOTAL	62.0		1.293			60.0		1.819			54.7	46.6	3.112			47.2	2.2	3.758			TOTAL
DAY	JULY 1979					AUGUST 1979					SEPTEMBER 1979					OCTOBER 1979					DAY
1	2.0		0.159		353.804	2.0		0.432		408.425	2.0		0.410		457.251	2.0		0.429		502.745	1
2	2.0		0.143		355.662	2.0		0.444		409.981	2.0		0.313		458.740	2.0		0.535		504.210	2
3	2.0		0.133		357.528	2.0		0.396		411.585	2.0		0.410		460.330	2.0		0.321		505.889	3
4	2.0		0.136		359.392	2.0		0.401		413.184	2.0		0.410		461.920	2.0		0.321		507.461	4
5	2.0		0.132		361.260	2.0		0.448		414.736	2.0		0.314		463.406	2.0		0.427		509.034	5
6	2.0		0.150		363.110	2.0		0.419		416.317	2.0		0.314		464.892	2.0		0.428		510.606	6
7	2.0		0.161		364.940	2.0		0.525		417.792	2.0		0.314		466.378	2.0		0.428		512.178	7
8	2.0		0.181		366.768	2.0		0.532		419.260	2.0		0.412		467.966	2.0		0.321		513.857	8
9	2.0		0.218		368.590	2.0		0.468		420.792	2.0		0.316		469.450	2.0		0.429		515.428	9
10	2.0		0.185		370.365	2.0		0.441		422.351	2.0		0.318		470.932	2.0		0.323		517.109	10
11	2.0		0.158		372.207	2.0		0.339		424.012	2.0		0.624		472.308	2.0		0.324		518.781	11
12	2.0		0.190		374.017	2.0		0.366		425.646	2.0		0.626		473.682	2.0		0.217		520.564	12
13	2.0		0.214		375.803	2.0		0.396		427.250	2.0		0.529		475.053	2.0		0.217		522.347	13
14	2.0		0.222		377.581	2.0		0.448		428.802	2.0		0.426		476.527	2.0		0.218		524.129	14
15	2.0		0.249		379.332	2.0		0.403		430.399	2.0		0.634		477.893	2.0		0.328		525.801	15
16	2.0		0.280		381.052	2.0		0.411		431.988	2.0		0.636		479.257	2.0		0.329		527.472	16
17	2.0		0.250		382.802	2.0		0.207		433.781	2.0		0.640		480.617	2.0		0.329		529.143	17
18	2.0		0.231		384.551	2.0		0.412		435.369	2.0		0.336		482.011	2.0		0.330		530.813	18
19	2.0		0.285		386.266	2.0		0.513		436.856	2.0		0.513		483.650	2.0		0.003	-526.0	5.810	19
20	2.0		0.156		388.110	2.0		0.409		438.447	2.0		0.433		485.281	2.0		0.330		4.803	20
21	2.0		0.176		389.934	2.0		0.407		440.040	2.0		0.547		486.670	2.0		0.004		10.803	21
22	2.0		0.252		391.682	1.9		0.407		441.533	2.0		0.551		488.119	2.0		0.007		12.796	22
23	2.0		0.238		393.444	1.9		0.406		443.027	2.0		0.553		489.566	2.0		0.010		14.786	23
24	2.0		0.297		395.147	2.0		0.406		444.621	2.0		0.444		491.122	2.0		0.012		16.774	24
25	2.0		0.300		396.847	2.0		0.407		446.214	2.0		0.436		492.686	2.0		0.006		18.765	25
26	2.0		0.302		398.545	2.0		0.509		447.705	2.0		0.325		494.361	2.0		0.003		20.765	26
27	2.0		0.269		400.276	2.0		0.408		449.297	2.0		0.324		496.037	2.0		0.007		22.758	27
28	2.0		0.305		401.970	2.0		0.511		450.786	2.0		0.328		497.753	2.0		0.008		24.750	28
29	2.0		0.367		403.603	2.0		0.307		452.479	2.0		0.215		499.496	2.0		0.009		26.741	29
30	2.0		0.348		405.255	2.0		0.409		454.070	2.0		0.322		501.174	2.0		0.014		28.727	30
31	2.0		0.398		406.857	2.0		0.409		455.661	2.0					2.0		0.015		30.712	31
TOTAL	62.0		7.106			61.8		12.996			60.0		14.487			62.0		6.462	-526.0		TOTAL
DAY	NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					DAY
1	2.0		0.015		32.697	2.0		0.024		92.163	2.0		0.018		153.438	2.0		0.011		215.409	1
2	2.0		0.016		34.681	2.0		0.037		94.126	2.0		0.038		155.400	2.0		0.024		217.025	2
3	2.0		0.017		36.666	2.0		0.038		96.088	2.0		0.019		157.381	2.0		0.006		218.019	3
4	2.0		0.012		38.652	2.0		0.039		98.049	2.0		0.020		159.361	2.0		0.006		221.011	4
5	2.0		0.018		40.634	2.0		0.027		100.022	2.0		0.0		161.361	2.0		0.013		223.000	5
6	2.0		0.019		42.615	2.0		0.027		101.995	2.0		0.021		163.340	2.0		0.007		224.993	

Table C-1 (Cont'd)

HAWKEYE DITCH

DAY	MARCH 1960					APRIL 1960					MAY 1960					JUNE 1960					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1	2.0		0.014		272,192	2.0		0.085		332,651	2.0		0.052		390,026	2.0		0.136		448,470	1	
2	2.0		0.022		274,170	2.0		0.086		334,465	2.0		0.134		391,892	2.0		0.134		450,470	2	
3	2.0		0.015		276,255	2.0		0.088		336,477	2.0		0.112		393,780	2.0		0.152		452,204	3	
4	2.0		0.031		278,284	2.0		0.033		338,444	2.0		0.160		395,620	2.0		0.136		454,468	4	
5	2.0		0.015		280,109	2.0		0.011		340,433	2.0		0.138		397,482	2.0		0.135		455,933	5	
6	2.0		0.015		282,094	2.0		0.078		342,354	2.0		0.116		399,366	2.0		0.127		457,806	6	
7	2.0		0.045		284,069	2.0		0.067		344,288	2.0		0.115		401,251	2.0		0.147		459,659	7	
8	2.0		0.054		285,995	2.0		0.089		346,199	2.0		0.133		403,118	2.0		0.152		461,507	8	
9	2.0		0.054		287,941	2.0		0.100		348,099	2.0		0.019		405,099	2.0		0.158		463,349	9	
10	2.0		0.023		289,918	2.0		0.089		350,010	2.0		0.076		407,023	2.0		0.156		465,193	10	
11	2.0		0.040		291,878	2.0		0.112		351,898	2.0		0.076		408,947	2.0		0.156		467,037	11	
12	2.0		0.032		293,846	2.0		0.135		353,763	2.0		0.096		410,861	2.0		0.159		468,908	12	
13	2.0		0.040		295,806	2.0		0.136		355,628	2.0		0.088		412,773	2.0		0.157		470,771	13	
14	2.0		0.040		297,766	2.0		0.101		357,527	2.0		0.068		414,705	2.0		0.158		472,613	14	
15	2.0		0.040		299,726	2.0		0.101		359,426	2.0		0.119		416,586	2.0		0.180		474,433	15	
16	2.0		0.057		301,669	2.0		0.134		361,292	2.0		0.129		418,457	2.0		0.174		476,259	16	
17	2.0		0.041		303,628	2.0		0.144		363,148	2.0		0.167		420,290	2.0		0.174		478,085	17	
18	2.0		0.033		305,595	2.0		0.122		365,026	2.0		0.192		422,098	2.0		0.166		479,919	18	
19	2.0		0.058		307,537	2.0		0.134		366,898	2.0		0.206		423,898	2.0		0.177		481,742	19	
20	2.0		0.076		309,461	2.0		0.090		368,802	2.0		0.182		425,710	2.0		0.141		483,601	20	
21	2.0		0.034		311,427	2.0		0.103		370,699	2.0		0.125		427,585	2.0		0.161		485,440	21	
22	2.0		0.069		313,358	2.0		0.059		372,640	2.0		0.114		429,471	2.0		0.148	-200,290 <sup>b</sup>	287,000	22	
23	2.0		0.079		315,279	2.0		0.048		374,592	2.0		0.087		431,384	2.0		0.088		288,912	23	
24	2.0		0.091		317,188	2.0		0.071		376,521	2.0		0.069		433,315	2.0		0.088		290,824	24	
25	2.0		0.009		319,179	2.0		0.093		378,428	2.0		0.118		435,197	2.0		0.088	-5,736 <sup>d</sup>	287,000	25	
26	2.0		0.038		321,141	2.0		0.102		380,326	2.0		0.116		437,081	0.0		0.0		287,000	26	
27	2.0		0.059		323,082	2.0		0.111		382,215	2.0		0.115		438,966	2.0		0.0		287,000	27	
28	2.0		0.070		325,012	2.0		0.094		384,163	2.0		0.064		440,902	2.0		0.0		287,000	28	
29	2.0		0.091		326,921	2.0		0.010		386,131	2.0		0.079		442,823	2.0		0.0		287,000	29	
30	2.0		0.102		328,819	2.0		0.073		388,078	2.0		0.109		444,714	2.0		0.0		287,000	30	
31	2.0		0.083		330,735	2.0				388,078	2.0		0.108		446,606	2.0				287,000	31	
TOTAL	62.0		1,470			62.0		2,658			62.0		3,472			50.0		3,578	-205,028		TOTAL	
DAY	JULY 1960					AUGUST 1960					SEPTEMBER 1960					FOOTNOTES					DAY	
1					287,000	2.0		0.186		336,425	2.0		0.273		392,097						a Transferred to Tulare Irrigation District.	1
2					287,000	2.0		0.198		338,227	2.0		0.285		393,812						b Water released from storage for diversion	2
3					287,000	2.0		0.189		340,038	2.0		0.298		395,514						by Hawkeye Ditch. Headgate Entitlement	3
4					287,000	2.0		0.173		341,865	2.0		0.333		397,181						released for diversion by Antelope Heights	4
5					287,000	2.0		0.178		343,687	2.0		0.305		398,876						pump (Witchans Ditch) in September.	5
6	1.0		0.100		288,100	2.0		0.184		345,503	2.0		0.344		400,532						c Released because terminus storage above	6
7	2.0		0.102		289,948	2.0		0.182		347,321	2.0		0.267		402,265						allowable.	7
8	2.0		0.103		291,895	2.0		0.189		349,132	2.0		0.283		403,982						d Storage adjusted to maximum allowable.	8
9	2.0		0.096		293,799	2.0		0.209		350,923	2.0		0.270		405,712							9
10	2.0		0.101		295,698	2.0		0.214		352,709	2.0		0.311		407,401							10
11	2.0		0.111		297,587	2.0		0.212		354,497	2.0		0.304		409,097							11
12	2.0		0.104		299,483	2.0		0.210		356,287	2.0		0.302		410,795							12
13	2.0		0.127		301,396	2.0		0.209		358,078	2.0		0.337		412,498							13
14	2.0		0.120		303,236	2.0		0.169		359,909	2.0		0.296		414,162							14
15	2.0		0.135		305,101	2.0		0.247		361,762	2.0		0.240		415,922							15
16	2.0		0.147		306,994	2.0		0.172		363,590	2.0		0.275		417,647							16
17	2.0		0.126		308,828	2.0		0.187		365,403	2.0		0.346		419,301							17
18	2.0		0.128		310,700	2.0		0.181		367,222	2.0		0.361		420,940							18
19	2.0		0.130		312,570	2.0		0.252		369,070	2.0		0.187		422,753							19
20	2.0		0.157		314,413	2.0		0.200		370,870	2.0		0.322		424,431							20
21	2.0		0.185		316,228	2.0		0.193		372,677	2.0		0.334		426,097							21
22	2.0		0.178		318,090	2.0		0.174		374,503	2.0		0.346		427,751							22
23	2.0		0.250		319,900	2.0		0.201		376,308	2.0		0.418		429,333							23
24	2.0		0.185		321,715	2.0		0.242		378,060	2.0		0.420		430,913							24
25	2.0		0.118		323,597	2.0		0.248		379,812	2.0		0.418		432,495							25
26	2.0		0.176		325,421	2.0		0.219		381,593	2.0		0.420		434,075							26
27	2.0		0.180		327,241	2.0		0.231		383,362	2.0		0.421		435,654							27
28	2.0		0.195		329,046	2.0		0.260		385,102	2.0		0.282		437,372							28
29	2.0		0.176		330,870	2.0		0.230		386,878	2.0		0.358		439,034							29
30	2.0		0.103		332,767	2.0		0.227		388,645	2.0		0.434		440,690							30
31	2.0		0.156		334,611	2.0		0.275		390,370	2.0											31
TOTAL	51.2		3,589			62.0		6,241			60.0		9,790									TOTAL



Table C-2

HAMILTON PITCH

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1						4.0		0.004		26.475					1.880					1.880	1
2						2.7		0.008		29.167					1.880					1.880	2
3						2.0		0.013		31.154					1.880					1.880	3
4						0.7		0.013		31.861					1.880					1.880	4
5						0.0		0.004		31.837					1.880					1.880	5
6								0.0		31.837					1.880					1.880	6
7								0.005		31.832					1.880					1.880	7
8								0.0		31.832					1.880					1.880	8
9								0.005		31.827					1.880					1.880	9
10							0.0	0.005		31.822					1.880					1.880	10
11							3.7	0.008		28.114					1.880					1.880	11
12							6.0	0.007		22.104					1.880					1.880	12
13							6.0	0.007		16.097					1.880					1.880	13
14							6.0	0.006		10.091					1.880					1.880	14
15							6.0	0.009		4.089					1.880			0.0		1.880	15
16							2.2	0.001		1.888					1.880			0.001		1.879	16
17							0.0	0.001		1.888					1.880			0.001		1.878	17
18								0.001		1.887					1.880			0.001		1.877	18
19								0.001		1.886					1.880			0.0		1.877	19
20								0.001		1.885					1.880			0.001		1.876	20
21								0.001		1.884					1.880			0.001		1.875	21
22								0.001		1.883					1.880			0.001		1.874	22
23								0.001		1.882					1.880			0.001		1.873	23
24								0.0		1.882					1.880			0.0		1.873	24
25								0.001		1.881					1.880			0.0		1.873	25
26	0.0	0.0						0.001		1.880					1.880			0.001		1.872	26
27	5.0							0.0		1.880					1.880					1.871	27
28	3.3	0.003			4.999					1.880					1.880			0.001		1.870	28
29	4.0	0.008			10.496					1.880					1.880			0.001		1.869	29
30	4.0	0.003			14.488					1.880					1.880			0.001		1.869	30
31	4.0	0.006			18.485					1.880					1.880			0.001		1.868	31
					22.479					1.880					1.880			0.001		1.867	31
TOTAL	22.4		0.021			9.4	29.9	0.999										0.013			TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1			0.001		1.866	8.4		0.003		21.916	4.0		0.096		192.533	9.9		0.172		433.650	1
2			0.001		1.865	7.4		0.004		29.312	4.0		0.071		196.462	8.7		0.171		442.179	2
3			0.0		1.864	6.0		0.004		35.308	10.2		0.094		205.618	7.9		0.169		449.890	3
4			0.0		1.864	4.0		0.005		40.003	13.9		0.015		220.503	7.9		0.187		457.603	4
5					1.864	4.0		0.015		43.988	7.7		0.031		228.172	7.9		0.149		465.354	5
6					1.864	4.0		0.011		47.977	4.0		0.079		232.093	6.7		0.131		471.923	6
7					1.864	4.0		0.017		51.960	4.0		0.064		236.029	6.0		0.186		477.737	7
8	0.0				1.864	4.0		0.018		55.942	5.2		0.048		241.181	6.0		0.241		483.496	8
9	2.5		0.0		4.364	4.0		0.006		59.936	6.0		0.046		247.133	6.0		0.239		489.257	9
10	4.0		0.001		8.363	4.0		0.007		63.929	6.0		0.049		253.084	6.0		0.219		495.038	10
11	1.5		0.002		9.861	4.0		0.007		67.922	4.7		0.033		257.751	4.7		0.198		499.540	11
12	0.0		0.002		9.859	4.0		0.022		71.900	5.2		0.049		262.902	5.2		0.301		504.439	12
13			0.002		9.857	4.0		0.023		75.877	6.0		0.097		268.845	6.0		0.330		510.100	13
14			0.002		9.855	4.0		0.024		79.853	4.7		0.067		273.478	6.0		0.308		515.801	14
15			0.002		9.855	5.2		0.025		83.828	4.0		0.050		277.428	6.0		0.271		521.530	15
16			0.002		9.851	6.0		0.035		90.993	2.7		0.100		280.028	6.0		0.269		527.261	16
17			0.002		9.849	6.0		0.045		96.948	2.0		0.100		281.928	6.0		0.251		533.010	17
18			0.003		9.845	6.0		0.088		102.900	2.0		0.083		283.845	6.0		0.217		538.792	18
19			0.002		9.844	6.0		0.039		108.861	3.2		0.116		286.929	6.0		0.237		544.578	19
20			0.003		9.843	4.7		0.040		113.541	4.0		0.115		290.814	4.7		0.216		549.060	20
21			0.003		9.840	5.2		0.041		118.700	6.4		0.115		297.999	6.4		0.233		555.227	21
22			0.003		9.837	6.0		0.032		124.668	9.2		0.115		306.184	6.1		0.200		561.127	22
23			0.003		9.834	4.7		0.032		129.336	9.9		0.111		315.973	5.0		0.233		565.894	23
24			0.003		9.831	5.2		0.044		134.492	16.1		0.136		323.937	5.0		0.216		570.678	24
25			0.001		9.830	6.0		0.034		140.458	19.8		0.158		331.579	4.3		0.249		574.729	25
26			0.003		9.827	6.0		0.058		146.400	19.8		0.164		371.215	2.7		0.297		577.132	26
27			0.003		9.824	12.2		0.025		153.275	17.4		0.169		388.446	7.3		0.332		584.100	27
28	0.0		0.002		9.821	14.6		0.054		159.121	15.9		0.173		406.173	10.0		0.251		593.849	28
29	3.7		0.002		13.519	4.0		0.065		180.756	10.9		0.174		414.899	6.5		0.252		600.097	29
30						4.0		0.083		184.673	9.2		0.177		423.922	3.3		0.218		603.179	30
31						4.0		0.084		188.589						2.6		0.235		605.544	31
TOTAL	11.7		0.048			176.0		0.930			238.1		2.767			188.8 <sup>4</sup>		7.178			TOTAL
DAY	JUNE 1976					JULY 1976					AUGUST 1976					SEPTEMBER 1976					DAY
1	11.1		0.272		616.372		4.0	0.341		571.679	4.7		0.223		355.350	13.9		0.139		101.752	1
2	14.6		0.242		630.730		4.0	0.396		567.283	4.0		0.262		353.088	13.9		0.140		87.712	2
3	13.9		0.264		644.366	4.7		0.358		571.625	6.4		0.253		344.425	13.9		0.102		73.710	3
4	6.4		0.289		657.962	9.9		0.427		581.098	7.9		0.301		336.224	13.3		0.069		62.341	4
5					664.073	1.3		0.446		581.952	7.9		0.362		337.962	5.6		0.165		52.381	5
6	3.2		0.272		667.001		4.0	0.420		577.532	7.9		0.225		319.837	13.5		0.058		49.023	6
7	2.7		0.237		669.464		6.4	0.488		570.704	7.9		0.262		311.675	5.6		0.47		49.866	7
8		3.0	0.201		666.263		7.9	0.434		562.370	7.9		0.335		303.440	6.2		0.072		51.894	8
9		4.7	0.221		661.342		7.9	0.411		554.059	2.5		0.337		297.703	6.5		0.050		54.444	9
10		5.2	0.112		656.030		7.9	0.477		545.682	4.0		0.344		293.462	5.6		4.0		56.044	10
11		6.0	0.224		649.806		7.9	0.454		537.328	4.0		0.345		289.217	11.0	0.0	0.042		67.002	11
12		4.7	0.283		644.823		7.9	0.431		528.997	1.5		0.308		282.559	16.9		0.049		83.853	12
13	2.0		0.305		641.318		7.9	0.471		520.626			0.230		273.079	12.9		0.071		100.682	13
14	3.2		0.367		638.151		7.9	0.416		512.310	6.7		0.114		264.265	14.4		0.060		11	

Table C-2 (Cont'd)

HAMILTON DITCH

IN STORAGE		OUT STORAGE		EVAPORATION		RELEASE ADJUSTMENT		ADJUSTED STORAGE		IN STORAGE		OUT STORAGE		EVAPORATION		RELEASE ADJUSTMENT		ADJUSTED STORAGE		IN STORAGE		OUT STORAGE		EVAPORATION		RELEASE ADJUSTMENT		ADJUSTED STORAGE		DAY																																																																																	
OCTOBER 1976																												NOVEMBER 1976																												DECEMBER 1976																												JANUARY 1977																											
1	4.6			0.040				175.346		0.0	0.172			373.569		0.005			13.438						0.002				13.301	1																																																																																	
2	14.4			0.063				189.683		360.0	0.009			13.560		0.004			13.434		0.0			0.0	0.005				13.296	2																																																																																	
3	59.1			0.071				238.715		0.0	0.009			13.551		0.005			13.409		1.2			0.002					14.494	3																																																																																	
4	33.0			0.107				231.605			0.005			13.546		0.005			13.424		0.0			0.002					13.998	4																																																																																	
5	31.0			0.148				282.457			0.012			11.534		0.005			14.419		.7			0.002					13.290	5																																																																																	
6	17.6			0.168				299.889			0.012			13.522		0.005			13.414		0.0			0.002					13.288	6																																																																																	
7	9.9			0.240				309.549			0.010			13.512		0.005			13.409					0.002					13.286	7																																																																																	
8	9.9			0.211				319.239			0.007			13.505		0.005			13.400					0.002					13.284	8																																																																																	
9	3.7			0.246				322.696			0.007			13.498		0.002			13.402					0.002					13.282	9																																																																																	
10	0.0			0.244				322.448			0.007			13.491		0.005			13.407					0.0					13.282	10																																																																																	
11	0.0			0.208				322.240			0.002			13.489		0.005			13.392					0.002					13.280	11																																																																																	
12	6.2			0.211				328.229			0.0			13.489		0.005			13.387					0.002					13.278	12																																																																																	
13	9.9			0.252				337.077			0.002			13.487		0.005			13.382					0.002					13.276	13																																																																																	
14	9.9			0.221				347.556			0.002			13.485		0.005			13.377					0.0					13.276	14																																																																																	
15	9.9			0.226				357.230			0.002			13.483		0.005			13.372					0.0					13.276	15																																																																																	
16	9.9			0.193				366.937			0.005			13.478		0.007			13.365					0.002					13.274	16																																																																																	
17	9.9			0.237				376.600			0.002			13.476		0.007			13.358					0.002					13.272	17																																																																																	
18	6.2	0.0		0.240				382.560			0.002			13.474		0.005			13.353					0.002					13.270	18																																																																																	
19	0.0	1.0		0.238				383.322			0.002			13.472		0.005			13.348					0.002					13.268	19																																																																																	
20	1.5	0.0		0.197				379.625			0.002			13.470		0.005			13.343					0.002					13.266	20																																																																																	
21	0.0	0.0		0.279				379.386			0.002			13.468		0.002			13.341					0.002					13.264	21																																																																																	
22	1.2	0.001		0.201				377.985		0.0				13.468		0.005			13.336					0.002					13.262	22																																																																																	
23	2.0	0.121		0.121				375.864		0.002				13.466		0.002			13.334					0.002					13.260	23																																																																																	
24	.7	0.123		0.123				375.041		0.002				13.464		0.005			13.329					0.002					13.258	24																																																																																	
25	0.0	0.127		0.127				374.914		0.002				13.462		0.005			13.324					0.0					13.258	25																																																																																	
26		0.132		0.132				374.782		0.002				13.460		0.002			13.322					0.002					13.256	26																																																																																	
27		0.229		0.229				371.553		0.005				13.458		0.005			13.317					0.002					13.254	27																																																																																	
28		0.233		0.233				374.314		0.005				13.453		0.005			13.312					0.002					13.252	28																																																																																	
29		0.200		0.200				374.114		0.005				13.448		0.005			13.307					0.002					13.250	29																																																																																	
30		0.209		0.209				373.905		0.005				13.443		0.002			13.305					0.002					13.248	30																																																																																	
31		0.164		0.164				373.741		0.002				13.440		0.002			13.303					0.002					13.246	31																																																																																	
TOTAL	215.1 <sup>c</sup>	6.4		5.745						360.0 <sup>b</sup>	0.298					0.140					1.2	1.2		0.057					TOTAL																																																																																		
FEBRUARY 1977																												MARCH 1977																												APRIL 1977																												MAY 1977																											
1				0.002				13.244		2.0	0.145			573.786		3.5			869.906		15.9			0.367				983.112	1																																																																																		
2	0.0			0.002				13.242		7.9	0.218			579.468		3.5			872.961		14.6			0.367				997.345	2																																																																																		
3	17.7			0.009				30.929		7.9	0.219			585.150		3.5			876.008		13.9			0.400				1010.755	3																																																																																		
4	28.3			0.08				59.211		7.9	0.220			590.831		2.5	1.8	0.530	877.968		10.2			0.493				1026.162	4																																																																																		
5										7.9	0.220			596.511		0.0		0.583	877.965					0.431				1033.931	5																																																																																		
6	28.3			0.033				87.498		7.9	0.220			602.042		1.0		0.601	876.064		7.9			0.369				1041.462	6																																																																																		
7	28.3			0.035				115.763		7.9	0.220			607.646		7.6		0.591	883.073		6.7			0.245				1047.917	7																																																																																		
8	28.3			0.043				144.020		7.9	0.223			613.323		8.7		0.413	881.358		14.4			0.123				1062.194	8																																																																																		
9	28.3			0.026				172.294		8.5	0.0			621.718		8.0		0.246	899.112		18.4			0.124				1058.470	9																																																																																		
10	28.3			0.059				200.535		11.2	0.226			632.722		6.7		0.407	905.305		19.9			0.251				1101.119	10																																																																																		
11	28.3			0.067				228.768		11.9	0.229			644.393		3.0		0.481	907.984		20.2			0.190				1121.189	11																																																																																		
12	28.3			0.075				256.993		11.9	0.231			656.062		1.2		0.523	908.571		20.2			0.252				1131.076	12																																																																																		
13	28.3			0.082				285.211		11.9	0.234			667.708		1.2		0.545	909.309		20.2			0.128				1161.066	13																																																																																		
14	28.3			0.135				313.376		10.6	0.236			678.092		2.1		0.535	910.870		20.2			0.323				1181.023	14																																																																																		
15	28.3			0.146				341.530		9.9	0.238			687.754		3.8		0.513	914.070		20.2			0.584				1200.639	15																																																																																		
16	28.3			0.157				369.673		9.9	0.080			697.574		7.9		0.600	921.457		25.1			0.456				1225.283	16																																																																																		
17	28.3			0.168				397.805		19.8	0.245			717.129		11.1		0.502	932.055		26.7			0.639				1251.34	17																																																																																		
18	28.3			0.239				425.866		25.8	0.168			742.761		8.2		0.563	939.692		29.0			0.467				1275.857	18																																																																																		
19	28.3			0.252				453.914		25.8	0.258			768.303		5.1		0.587	944.356		24.2			0.605				1299.452	19																																																																																		
20	19.5			0.131				470.783		25.8	0.265			793.838		4.6		0.690	948.075		25.2			0.674				1323.978	20																																																																																		
21	16.5			0.0				487.283		18.3	0.0			811.779		4.6		0.614	952.051		27.2			0.740				1356.138	21																																																																																		
22	14.9			0.135				502.048		11.4	1.2	0.451		821.528		0.7		0.539	952.222		29.2			0.537				1379.101	22																																																																																		
23	11.4			0.068				513.380		9.9	2.0	0.361		839.067		0.0	0.0	0.664	951.538		25.7			0.334				1404.467	23																																																																																		
24	9.9			0.069				523.211		9.9	2.0	0.270		836.697		1.2		0.457	949.901		17.8			0.400				1421.867	24																																																																																		
25	11.5			0.209				534.502		9.9	2.0	0.090		844.507		3.3		0.513	946.088		13.9			0.597				1435.170	25																																																																																		
26	12.5			0.212				546.790		9.9	2.0	0.361		852.046		2.2		0.2	943.510		12.9			0.595				1447.475	26																																																																																		
27	12.5	0.0		0.143				559.147		9.9	2.0	0.452		859.494		0.0	0.2	0.434	942.876		12.5			0.656				1459.319	27																																																																																		

Table C-2 (Cont'd)

HAMILTON DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
OCTOBER 1977																						NOVEMBER 1977																						DECEMBER 1977																						JUNE 1978																					
1		13.3	0.189		294.157						9.0		0.036		175.658						1																																																																		
2		12.9	0.224		211.033						9.9		0.037		185.521						2																																																																		
3		12.9	0.253		197.880	0.0	0.0			0.0	9.9		0.039		195.382						3																																																																		
4		12.9	0.198		184.782	0.0	0.0			0.0	9.9		0.041		205.241						4																																																																		
5		12.9	0.148		171.734	6.2	0.001			6.399	9.9		0.043		215.095						5																																																																		
6		7.9	0.070		163.764	9.9	0.007			16.092	9.9		0.045		224.953						6																																																																		
7		3.7	0.137		159.987	9.9	0.012			15.980	9.9		0.047		234.806						7																																																																		
8		7.3	0.131		152.496	9.9	0.016			15.864	8.7		0.048		243.458						8																																																																		
9		9.9	0.123		142.473	9.9	0.020			15.748	9.2		0.050		252.608						9																																																																		
10		14.9	0.110		127.463	9.9	0.024			15.632	2.5		0.050		255.058						10																																																																		
11		17.9	0.119		109.444	9.9	0.043			65.477	0.5		0.100		255.458						11																																																																		
12		17.9	0.100		91.444	9.9	0.033			75.344	0.0	1.7	0.0		253.758						12																																																																		
13		14.8	0.067		76.577	9.9	0.019			85.225	0.0	0.2	0.050		253.508						13																																																																		
14		12.9	0.070		63.607	9.9	0.040			92.105	2.0		0.050		253.458						14																																																																		
15		12.9	0.056		50.651	1.5	0.040			92.845	2.0		0.050		257.408						15																																																																		
16		12.9	0.042		37.709	1.2	0.041			94.004	6.9		0.051		264.257						16																																																																		
17		12.9	0.027		24.787	0.7	0.041			94.663	16.1		0.046		280.311						17																																																																		
18		12.9	0.021		13.876	0.0	0.041			94.622	17.4		0.046		297.665						18																																																																		
19		9.8	0.001		2.075	5.0	0.058			89.964	12.2		0.046		309.819						19																																																																		
20		2.075	0.0		0.0	7.9	0.018			81.646	9.9		0.048		319.671						20																																																																		
21		0.0				0.0	1.7			79.929	9.9		0.048		329.523						21																																																																		
22						6.9	0.018			86.811	9.9		0.048		339.375						22																																																																		
23						9.9	0.021			96.690	13.6		0.048		352.877						23																																																																		
24						9.9	0.022			106.568	15.9		0.050		368.679						24																																																																		
25						9.9	0.024			116.444	13.4		0.050		382.029						25																																																																		
26						9.9	0.026			126.318	16.9		0.0		398.929						26																																																																		
27						9.9	0.028			136.190	19.8		0.041	-418.688	0.0						27																																																																		
28						9.9	0.030			146.060						5.0		0.073			256.000	28																																																																	
29						9.9	0.032			155.928						7.9		0.078			260.927	29																																																																	
30						9.9	0.034			165.794						7.9		0.085			263.749	30																																																																	
31																					276.564	31																																																																	
TOTAL		235.175	2.071			181.1	14.6	0.706			256.1	1.9	1.306	-418.688		20.8		0.236			TOTAL																																																																		
JULY 1978																						AUGUST 1978																						SEPTEMBER 1978																						FEBRUARY 1979																					
1		7.9	0.095		284.359	4.0	0.259			466.977		4.0	0.419		435.883						1																																																																		
2		7.9	0.092		292.177	4.0	0.271			470.706		2.7	0.515		432.668						2																																																																		
3		7.9	0.104		299.973	4.0	0.284			474.422	0.0	3.2	0.420		429.048						3																																																																		
4		7.9	0.106		307.767	4.0	0.297			478.235	2.2	0.0	0.0		431.248						4																																																																		
5		7.9	0.108		315.559	4.0	0.312			481.953	6.0		0.0		437.848						5																																																																		
6		7.9	0.121		323.358	2.7	0.312			484.191	6.0		0.162		443.086						6																																																																		
7		7.9	0.134		331.154	0.7	0.342			484.549	6.0		0.195		448.891						7																																																																		
8		7.9	0.138		338.866	0.0	0.266			484.283	6.0		0.235		454.656						8																																																																		
9		7.9	0.157		346.609		0.297			483.986	4.7		0.237		459.119						9																																																																		
10		7.9	0.156		354.353		0.332			483.654	2.7		0.200		461.619						10																																																																		
11		7.9	0.133		362.120		0.279			483.375	2.0		0.202		463.417						11																																																																		
12		7.9	0.130		369.890		0.297			483.078	2.0		0.245		465.172						12																																																																		
13		7.9	0.160		377.630	0.0	0.317			482.761	2.0		0.206		466.966						13																																																																		
14		7.9	0.153		385.377	1.2	0.0			483.444	2.0		0.297		468.759						14																																																																		
15		7.9	0.157		393.120	0.7	1.2	0.364		482.780	2.0		0.289		470.470						15																																																																		
16		7.9	0.169		400.851	0.0	2.0	0.353		480.417	2.0		0.330		472.140						16																																																																		
17		7.9	0.188		408.583	2.0	0.389			478.028	2.0		0.290		473.850						17																																																																		
18		5.5	0.201		413.862	3.2	0.321			474.507	0.7		0.249		474.301						18																																																																		
19		4.0	0.186		417.676	4.0	0.337			470.170	0.0		0.249		474.052						19																																																																		
20		4.0	0.215		421.461	1.5	0.380			468.890			0.292		473.760	12.4		0.002			12.398	20																																																																	
21		4.0	0.183		425.278	0.0	0.329			467.961			0.293		473.467	19.8		0.004			32.194	21																																																																	
22		4.0	0.197		429.081	0.0	0.310			467.651			0.336		473.131	19.8		0.006			51.998	22																																																																	
23		4.0	0.236		432.845	0.0	0.289			467.362			0.338		472.793	19.8		0.015			71.773	23																																																																	
24		4.0	0.210		436.635	2.5	0.267			464.595		0.0	0.296		472.497	19.8		0.019			91.554	24																																																																	
25		4.0	0.122		440.513	2.7	0.318			461.577	1.2	0.340			470.957	19.8		0.022			111.132	25																																																																	
26		4.0	0.186		444.325	2.0	0.286			459.891	2.0	0.298			468.659	19.8		0.013			131.119	26																																																																	
27		4.0	0.205		448.120	2.0	0.335			456.956	2.0	0.280			466.379	18.6		0.029			149.690	27																																																																	
28		4.0	0.213		451.907	3.2	0.350			453.406	2.0	0.260			464.119	15.9		0.032			167.558	28																																																																	
29		4.0	0.202		455.705	4.0	0.371			449.835	3.2	0.306			461.856							29																																																																	
30		4.0	0.230		459.475	4.0	0.351			444.684	4.0	0.352			456.261							30																																																																	
31		4.0	0.239		463.236	4.0	0.382			440.302												31																																																																	
TOTAL		191.8	5.128			25.3	38.3	9.934			48.3	24.3	8.041			167.7		0.142			TOTAL																																																																		
MARCH 1979																						APRIL 1979																						MAY 1979																						JUNE 1979																					
1		19.8	0.034		186.624	19.8	0.084			797.684		11.9	0.289		1300.327	0.0		0.134			299.464	1																																																																	
2		19.8	0.037		206.387	19.8	0.136			817.888		11.9	0.281		1311.946			0.130			299.334	2																																																																	
3		19.8	0.060		226.127	19.8	0.190			836.890		11.9	0.360		1323.486			0.117			299.217	3																																																																	
4		19.8	0.064		245.863	19.8	0.226			856.464	4.5		0.396		1327.590			0.104			299.113	4																																																																	
5		19.8	0.067		265.596	19.8	0.227			876.037	0.0		0.378		1327.212			0.112			299.001	5																																																																	
6		19.8	0.070		285.326	19.8	0.113			895.724			0.336		1326.876			0.123			298.878	6																																																																	
7		19.8	0.096		305.090	19.8	0.169			915.355			0.293		1326.673			0.103			298.775	7																																																																	
8		19.8	0.097		324.733	19.8	0.226			934.989			0.150		1326.523			0.128			298.671	8																																																																	
9		19.8	0.097		344.436	19.8	0.170			954.559			0.324		1326.199			0.129			298.518	9																																																																	
10		19.8	0.098		364.138	19.8	0.195			974.164			0.397		1325.802			0.138			298.380	10																																																																	
11		19.8	0.074		383.864	19.8	0.172			993.792			0.444		1325.558			0.155			298.225	11																																																																	
12		19.8	0.100																																																																																				

Table C-2 (Cont'd)

HAMILTON DITCH

DAY	JULY 1979					AUGUST 1979					SEPTEMBER 1979					OCTOBER 1979					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	6.7		0.185		410.198	9.9	0.376			355.234		6.0	0.008		9.271			0.004		5.019	1
2	4.7		0.167		414.731	9.9	0.373			344.961		3.5	0.006		5.765			0.005		5.014	2
3	4.0		0.155		418.576	9.9	0.392			334.739		2.0	0.003		3.762			0.007		5.011	3
4	4.0		0.159		422.417	9.9	0.315			324.524		2.0	0.002		1.760			0.004		5.007	4
5	4.0		0.156		426.261	9.9	0.339			314.285		0.7	0.001		1.059			0.004		5.003	5
6	4.0		0.178		430.083	9.9	0.306			304.079		0.0	0.001		1.058			0.004		4.999	6
7	4.0		0.192		433.891	9.9	0.369			293.810		0.0	0.001		1.057			0.004		4.995	7
8	4.0		0.216		437.675	9.9	0.360			283.550		0.0	0.001		1.056			0.003		4.992	8
9	4.0		0.261		441.434	9.9	0.394			273.266		0.0	0.001		1.055			0.004		4.988	9
10	4.0		0.222		445.192	12.4	0.272			262.974		0.0	0.001		1.054			0.003		4.985	10
11	4.0		0.191		448.901	13.9	0.197			246.577		0.001	0.001		1.053			0.001		4.982	11
12	4.0		0.230		452.773	13.9	0.200			232.477		0.001	0.001		1.052			0.002		4.980	12
13	4.0		0.260		456.511	13.9	0.202			218.375		0.001	0.001		1.051			0.002		4.978	13
14	4.0		0.271		460.240	13.9	0.213			204.262		0.001	0.001		1.050			0.002		4.976	14
15	4.0		0.305		463.935	13.9	0.178			190.184		0.001	0.001		1.049			0.003		4.973	15
16	4.0		0.343		467.592	13.9	0.167			176.117		0.001	0.001		1.048			0.003		4.970	16
17	4.0		0.308		471.284	5.2	0.082			170.835		0.001	0.001		1.047			0.003		4.967	17
18	2.7		0.309		473.675	7.4	0.155			163.280		0.001	0.001		1.046			0.003		4.964	18
19		1.7	0.368		477.687	11.9	0.177			153.293		0.001	0.001		1.045			0.002		4.962	19
20		6.4	0.187		465.040	13.1	0.129			137.974		0.001	0.001		1.044			0.002		4.960	20
21		7.9	0.207		456.933	13.9	0.115			123.959		0.001	0.001		1.043			0.002		4.958	21
22		7.9	0.289		448.744	13.9	0.101			109.958		0.001	0.001		1.042			0.003		4.955	22
23		7.9	0.267		440.577	13.9	0.088			95.970		0.001	0.001		1.041			0.003		4.952	23
24		7.9	0.385		432.352	13.9	0.075			81.955	0.0	0.001	0.001		1.040			0.003		4.949	24
25		7.9	0.320		424.132	13.9	0.066			68.033	2.5	0.003	0.003		3.577	0.0		0.002		4.947	25
26		7.9	0.316		415.916	13.9	0.061			54.072	1.5	0.003	0.003		5.034	8.7		0.002		13.645	26
27		9.2	0.273		406.443	13.9	0.036			40.136	0.0	0.003	0.003		5.031	12.6		0.009		26.236	27
28		9.9	0.301		396.248	13.9	0.030			26.006	0.0	0.003	0.003		5.028	10.7		0.012		36.924	28
29		9.9	0.351		385.991	8.9	0.032			17.294	0.0	0.002	0.002		5.026	9.9		0.015		46.809	29
30		9.9	0.323		375.768	6.0	0.010			11.284	0.0	0.003	0.003		5.023	9.9		0.027		56.682	30
31		9.9	0.358		365.510	6.0	0.005	+10.000		15.279	0.0	0.003	0.003		5.023	9.9		0.032		66.550	31
TOTAL	74.1	104.3	7.973			354.6	5.631	+10.000			4.0	14.2	0.056			61.7	0.173				TOTAL
DAY	NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					DAY
1	9.9		0.036		76.414		0.055			207.275		0.025			205.995			0.011		205.550	1
2	9.9		0.040		86.274		0.080			207.195		0.050			205.945			0.022		205.528	2
3	9.9		0.044		96.130		0.083			207.110		0.025			205.900			0.025		205.522	3
4	9.9		0.032		105.998		0.083			207.027		0.026			205.894			0.026		205.516	4
5	9.9		0.051		115.847		0.055			206.972		0.0			205.894			0.042		205.504	5
6	9.9		0.055		125.692		0.055			206.917		0.026			205.868			0.026		205.498	6
7	9.9		0.058		135.534		0.055			206.862		0.027			205.841			0.019		205.479	7
8	9.9		0.062		145.372		0.082			206.780		0.027			205.814			0.033		205.446	8
9	9.9		0.044		155.228		0.055			206.725		0.0			205.814			0.034		205.412	9
10	9.9		0.046		165.082		0.027			206.698		0.024			205.790			0.035		205.377	10
11	9.9		0.048		174.934		0.0			206.698		0.020			205.770			0.044		205.333	11
12	9.9		0.076		184.758		0.027			206.671		0.0			205.770			0.038		205.295	12
13	9.9		0.079		194.579		0.055			206.616		0.020			205.765			0.048		205.287	13
14	9.9		0.055		204.424		0.027			206.589		0.012			205.753			0.026		205.279	14
15	3.7		0.113		208.011		0.027			206.562		0.004			205.749			0.017		205.262	15
16	0.0		0.084		207.927		0.055			206.507		0.004			205.745			0.016		205.246	16
17			0.028		207.899		0.055			206.452		0.004			205.741			0.020		205.226	17
18			0.028		207.871		0.110			206.342		0.003			205.733			0.021		205.205	18
19			0.027		207.844		0.055			206.287		0.012			205.721			0.074		205.131	19
20			0.055		207.789		0.055			206.232		0.013			205.708			0.017		205.114	20
21			0.054		207.735		0.0			206.232		0.013			205.695			0.030		205.084	21
22			0.027		207.708		0.027			206.205		0.009			205.686			0.026		205.086	22
23			0.054		207.654		0.027			206.178		0.014			205.672			0.018		205.040	23
24			0.027		207.627		0.027			206.151		0.014			205.658			0.023		205.017	24
25			0.054		207.573		0.027			206.124		0.005			205.653			0.038		204.979	25
26			0.054		207.519		0.0			206.124		0.010			205.643			0.039		204.940	26
27			0.027		207.492		0.026			206.098		0.015			205.628			0.030		204.910	27
28			0.054		207.438		0.026			206.072		0.020			205.628			0.035		204.873	28
29			0.054		207.384		0.027			206.045		0.005			205.603			0.026		204.849	29
30			0.054		207.330		0.0			206.045		0.026			205.577			0.027		204.810	30
31			0.055		207.276		0.025			206.020		0.016			205.561			0.016		204.771	31
TOTAL	142.3		1.520			1.310						4.59						0.712			TOTAL
DAY	MARCH 1980					APRIL 1980					MAY 1980					JUNE 1980					DAY
1			0.011		204.838		0.052			203.820		0.027			202.345			0.051		200.537	1
2			0.017		204.821		0.052			203.768		0.059			202.276			0.050		200.517	2
3			0.011		204.810		0.053			203.715		0.058			202.218			0.059		200.518	3
4			0.023		204.787		0.020			203.659		0.020			202.136			0.050		200.458	4
5			0.011		204.776		0.027			203.608		0.070			202.066			0.059		200.399	5
6			0.011		204.765		0.046			203.642		0.059			202.007			0.058		200.343	6
7			0.033		204.732		0.040			203.602		0.058			201.949			0.054		200.283	7
8			0.038		204.694		0.052			203.550		0.067			201.882			0.056		200.213	8
9			0.039		204.655		0.059			203.491		0.009			201.873			0.068		200.145	9
10			0.017		204.635		0.052			203.439		0.038			201.835			0.067			

Table C-2 (Cont'd)

HAMILTON DITCH

DAY	JULY 1980					AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1					287,000			0.170		307,299			6.0	0.141	203,142	a	15.8 acre-feet transferred from Foothill Ditch Company.			1	
2					287,000			0.179		307,080			6.0	0.143	196,999						2
3					287,000			0.170		306,920			6.0	0.144	190,855	b	26.1 acre-feet transferred from Foothill Ditch Company.			3	
4					287,000			0.156		306,754			6.0	0.155	184,700						4
5	0.0		0.0		287,000			0.159		306,595			8.4	0.135	176,165	c	1.2 acre-feet transferred from Foothill Ditch Company.			5	
6	2.5		0.101		289,399			0.163		306,432			8.7	0.144	167,321	d	12.0 acre-feet transferred from Foothill Ditch Company.			6	
7	4.0		0.103		293,296			0.161		306,271			9.2	0.105	158,026						7
8	1.5		0.104		294,698		0.0	0.165		306,106			8.7	0.105	149,211	e	13.6 acre-feet transferred from Foothill Ditch Company.			8	
9	0.0		0.096		294,396		1.2	0.182		304,724			7.9	0.094	141,217						9
10			0.101		294,495		3.2	0.183		301,341			9.2	0.101	131,916	f	79.9 acre-feet transferred from Foothill Ditch Company.			10	
11			0.110		294,385		2.7	0.179		298,462			9.9	0.091	121,925	g	360.0 acre-feet transferred to Tulare County Recreation Pool.			11	
12			0.102		294,283		3.2	0.174		295,088			9.9	0.082	111,943						12
13	0.0		0.124		294,159		4.0	0.169		290,919			9.9	0.083	101,960	h	176.0 acre-feet transferred from Foothill Ditch Company.			13	
14	1.2		0.117		295,282		4.0	0.135		286,784			9.9	0.066	91,994						14
15	2.0		0.132		297,110		4.0	0.115		282,669			9.9	0.047	82,047	i	292.8 acre-feet transferred from Foothill Ditch Company.			15	
16	2.0		0.143		298,967		4.0	0.132		278,537			9.9	0.048	72,099	j	96.5 acre-feet transferred from Foothill Ditch Company.			16	
17	2.0		0.122		300,845		4.0	0.141		274,396			9.9	0.051	62,148						17
18	2.0		0.124		302,721		4.0	0.133		270,263			9.9	0.045	52,203	k	1.0 acre-foot released for diversion by Foothill Ditch Company.			18	
19	2.0		0.127		304,594		4.0	0.110		266,153			9.9	0.019	42,284	l	210.9 acre-feet transferred from Foothill Ditch Company.			19	
20	2.0		0.153		306,441		4.0	0.141		262,012			9.9	0.025	32,359						20
21	2.0		0.181		308,260		4.0	0.133		257,879			9.9	0.028	22,441	m	131.8 acre-feet transferred from Foothill Ditch Company.			21	
22	0.7		0.173		308,087		4.0	0.118		253,751			9.9	0.010	12,531	n	13.9 acre-feet transferred from Foothill Ditch Company.			22	
23	0.0		0.145		308,642		4.0	0.134		249,627			9.9	0.003	2,628						23
24			0.177		308,465		4.0	0.157		245,470			2.628	0.0	0.0						24
25			0.113		308,352		4.0	0.158		241,312											25
26			0.167		308,185		4.0	0.136		237,176											26
27			0.170		308,015		4.0	0.141		233,035											27
28			0.183		307,832		5.2	0.147		227,688											28
29			0.164		307,668		6.0	0.131		221,557											29
30			0.095		307,573		6.0	0.146		215,431											30
31			0.144		307,429		6.0	0.148		209,283											31
TOTAL	23.9		3.472				93.5	4.646					207.428	1.855							TOTAL
DAY	FOOTNOTES (cont'd.)																				DAY
1	a Released because Farniss Reservoir above allowable storage.																				1
2	b Transferred from Kaweah Delta Water Conservation District.																				2
3	c Storage adjusted to maximum allowable.																				3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-2a

HAMILTON DITCH  
FROM FOOTHILL DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
																						NOVEMBER 1977
1						6.9		0.060		294,906						10.5		0.013		38,072	1	
2						0.0		0.060		294,846						10.1		0.015		48,157	2	
3								0.060		294,786						7.1		0.019		55,238	3	
4								0.059		294,727						4.5		0.021		59,717	4	
5								0.059		294,668						4.0		0.022		63,695	5	
6								0.059		294,609						4.0		0.025		67,670	6	
7								0.058		294,550						4.0		0.029		71,641	7	
8	0.0	0.0			0.0			0.058		294,492						4.0		0.031		75,610	8	
9	10.3	0.005			10,295			0.058		294,434						4.0		0.036		79,574	9	
10	16.5	0.012			26,783			0.058		294,376						4.0		0.037		83,537	10	
11	14.0	0.027			40,756	0.0		0.116		294,260						4.0		0.032		87,505	11	
12	12.5	0.023			53,233	0.5		0.0		294,760						4.0		0.032		91,473	12	
13	12.5	0.014			65,719	2.5		0.059		297,201						4.0		0.040		95,433	13	
14	11.3	0.034			78,205	3.6		0.059		300,742						4.0		0.039		99,394	14	
15	10.5	0.038			87,447	8.5		0.060		309,182						4.0		0.041		103,353	15	
16	10.5	0.042			97,905	14.0		0.062		323,120						4.0		0.045		107,308	16	
17	10.5	0.047			108,358	16.1		0.056		339,164						4.0		0.051		111,257	17	
18	8.5	0.050			116,808	17.7		0.055		356,809						4.0		0.056		115,201	18	
19	8.7	0.021			125,427	18.4		0.056		375,253						4.0		0.053		119,148	19	
20	7.3	0.029			132,698	18.4		0.059		393,494						4.0		0.063		123,085	20	
21	6.9	0.030			139,568	18.4		0.061		411,833						4.0		0.055		127,030	21	
22	6.4	0.031			145,937	18.4		0.125		430,108						4.0		0.060		130,970	22	
23	13.7	0.034			152,603	18.4		0.061		448,347						4.0		0.072		133,908	23	
24	18.4	0.037			177,966	18.4		0.124		466,723						1.2		0.065		134,233	24	
25	18.4	0.041			196,325	18.4		0.063		485,060						0.9		0.037		135,096	25	
26	18.4	0.045			214,680	18.4		0.0		503,460						0.8		0.058		135,838	26	
27	18.4	0.048			233,032	18.4		0.051	521.809	0.0	0.0		0.0		0.8		0.062		136,576	27		
28	18.4	0.052			251,380	0.0		0.0		0.0	6.6		0.008		6,598	0.8		0.065		137,311	28	
29	18.4	0.055			269,725						10.5		0.005		17,093	0.8		0.061		138,050	29	
30	18.4	0.059			288,066						10.5		0.008		27,585	0.8		0.069		138,781	30	
31											0.8					0.8		0.072		139,509	31	
TOTAL	288.9		0.834			235.4		1.657	521.809 <sup>a</sup>		27.6		0.015			113.3		1.376			TOTAL	
DAY	AUGUST 1978					SEPTEMBER 1978					FOOTNOTE											TOTAL
1	0.8		0.078		140,231			0.138		143,331	* Released because Terminus Reservoir above allowable storage.											1
2	0.8		0.081		140,950			0.171		143,160												2
3	0.8		0.085		141,665			0.240		143,020												3
4	0.8		0.062		142,403			0.0		143,020												4
5	0.8		0.093		143,110			0.0		143,020												5
6	0.8		0.122		143,788	11.5		0.056		154,464												6
7	0.8		0.102		144,486	18.4		0.075		172,789												7
8	0.3		0.079		144,707	0.0		0.089		172,700												8
9	0.0		0.099		144,618			0.069		172,611												9
10	0.0		0.099		144,519			0.075		172,536												10
11	0.2		0.083		144,636			0.075		172,461												11
12	0.4		0.089		144,947			0.091		172,370												12
13	0.4		0.095		145,252			0.076		172,294												13
14	0.1		0.095		145,297			0.076		172,218												14
15	0.0		0.110		145,147			0.106		172,112												15
16			0.109		145,038			0.120		171,992												16
17			0.118		144,950			0.105		171,887												17
18			0.098		144,822			0.090		171,797												18
19			0.104		144,718			0.090		171,707												19
20			0.117		144,601			0.106		171,601												20
21			0.102		144,499			0.106		171,495												21
22			0.096		144,403			0.122		171,373												22
23			0.089		144,314			0.122		171,251												23
24			0.083		144,231			0.107		171,144												24
25			0.099		144,132			0.123		171,021												25
26			0.090		144,042			0.109		170,912												26
27			0.106		143,936			0.103		170,809												27
28			0.111		143,825			0.096		170,713												28
29			0.119		143,706			0.113		170,600												29
30			0.113		143,593			0.132		170,468												30
31			0.124		143,469																	31
TOTAL	7.0		3.040			29.9		2.901														TOTAL

Table C-3

CONSOLIDATED PEOPLES DITCH COMPANY

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																			
OCTOBER 1975																						NOVEMBER 1975																						DECEMBER 1975																						JANUARY 1976																						DAY
1	7.9		0.808		742.903	14.6	0.146			106.0299	47.1	0.051			367.593					0.201	1387.758	1																																																																		
2	7.9		0.652		750.251	24.8	0.285			1035.210	73.4	0.063			359.931					0.203	1387.555	2																																																																		
3	1.5		0.493		755.158	27.8	0.146			1006.194	89.5	0.075			528.356					0.203	1387.352	3																																																																		
4	4.0		0.660		758.498	30.3	0.406			976.288	89.5	0.175			617.681					0.203	1387.149	4																																																																		
5	1.5		0.660		759.338	34.2	0.132			911.956	73.7	0.197			694.181					0.203	1386.946	5																																																																		
6	0.0		0.660		758.678	37.7	0.0			906.256	65.5	0.109			756.575					0.204	1386.742	6																																																																		
7	26.0		0.480		784.198	46.9	0.122			819.234	63.0	0.219			819.456					0.204	1386.538	7																																																																		
8	41.7		0.319		825.179	51.1	0.0			808.134	57.8	0.127			877.129					0.204	1386.334	8																																																																		
9	31.7		0.456		826.723	49.6	0.110			785.424	51.8	0.195			908.794		0.0			0.204	1386.129	9																																																																		
10	30.6		0.182		887.341	50.8	0.104			707.521	49.6	0.142			978.252		13.6			0.206	1385.924	10																																																																		
11	157.7		0.388		1044.653	51.6	0.191			655.730	48.4	0.149			1026.303		23.1	0.0		0.0	1385.721	11																																																																		
12	177.6		0.644		1221.609	55.3	0.262			600.168	52.6	0.0			1079.103		21.3	0.0		0.0	1385.517	12																																																																		
13	115.1		0.687		1335.022	66.0	0.236			339.932	54.3	0.0			1133.403		21.1	0.199			1385.313	13																																																																		
14	92.0		0.718		1426.304	62.7	0.278			146.954	48.6	0.171			1181.832		21.8	0.197			1385.108	14																																																																		
15	84.8		0.991		1510.113	64.7	0.241			442.013	46.9	0.178			1228.554		21.8	0.193			1384.904	15																																																																		
16	15.1		0.744		1524.469	66.7	0.101			315.212	42.7	0.184			1271.070		23.1	0.382			1384.700	16																																																																		
17		28.3	0.724		1492.445	67.4	0.041			277.771	38.4	0.190			1309.280		23.0	0.376			1384.495	17																																																																		
18		33.5	0.469		1461.476	72.4	0.061			205.310	35.2	0.195			1344.489		23.0	0.368			1384.291	18																																																																		
19		44.5	0.385		1416.523	77.9	0.038			147.372	33.7	0.201			1377.581		21.8	0.481			1384.086	19																																																																		
20		52.1	0.872		1363.549	78.1	0.015			49.257	12.6	0.203			1389.981		29.3	0.356			1383.881	20																																																																		
21		56.0	0.834		1306.715		14.1	0.010		35.147	0.0	0.406			1389.575		35.0	0.349			1383.676	21																																																																		
22		57.5	0.596		1248.619	21.3		0.017		56.430	0.0	0.203			1389.372		41.9	0.340			1383.471	22																																																																		
23		61.3	0.565		1186.754	19.8		0.023		76.207	0.0	0.203			1389.372		45.6	0.331			1383.266	23																																																																		
24		67.2	0.533		1119.021	19.8		0.044		95.993	0.0	0.203			1389.966		41.2	0.155			1383.061	24																																																																		
25		70.7	0.530		1047.821	19.8		0.034		115.759	0.0	0.203			1388.966		48.2	0.155			1382.856	25																																																																		
26		81.5	0.157		991.164	21.1		0.041		136.818	0.0	0.203			1388.763		44.2	0.155			1382.651	26																																																																		
27		89.1	0.313		1092.251	36.7		0.026		218.408	0.0	0.201			1388.560		47.4	0.155			1382.446	27																																																																		
28		95.1	0.222		1107.129	50.6		0.0		282.092	0.0	0.201			1388.357		49.6	0.276			1382.241	28																																																																		
29		7.9	0.633		1098.196	50.3		0.0		279.392	0.0	0.201			1388.154		48.4	0.263			1382.036	29																																																																		
30		14.9	0.154		1083.542	41.2		0.046		320.546	0.0	0.201			1388.160		48.9	0.249			1381.831	30																																																																		
31		8.2	0.301		1075.041			0.0				0.201			1387.959		48.4	0.235			1381.626	31																																																																		
TOTAL	514.9	558.6	17.070			285.6	1036.7	3.395			1072.3	4.887				736.3	7.236				TOTAL																																																																			
FEBRUARY 1976																						MARCH 1976																						APRIL 1976																						MAY 1976																						DAY
1	46.4		0.220		537.803	146.8	0.192			1532.172	110.4	1.078			3689.827		341.2	3.448			6682.644	1																																																																		
2	48.1		0.205		549.498	116.6	0.201			1648.571	111.1	1.468			3799.559		358.1	3.490			6682.440	2																																																																		
3	45.9		0.194		503.407	63.5	0.205			1711.866	111.1	0.833			3909.806		349.9	3.333			6682.235	3																																																																		
4	43.6		0.483		459.807	66.2	0.208			1777.858	113.6	0.282			4023.144		340.8	3.277			6682.030	4																																																																		
5	28.8		0.088		430.924	68.9	0.637			1846.121	107.6	0.570			4130.174		325.6	3.972			6681.825	5																																																																		
6	28.5		0.088		459.336	65.0	0.133			1905.688	99.4	1.442			4228.132		292.6	2.863			6681.620	6																																																																		
7	50.1		0.0		509.436	50.0	0.655			1960.533	96.0	1.163			4322.969		260.4	2.604			6681.415	7																																																																		
8	45.6		0.0		555.036	60.5	0.665			2020.368	127.5	0.881			4419.588		251.2	5.409			6681.210	8																																																																		
9	72.9		0.0		627.936	62.2	0.225			2082.343	130.7	0.890			4519.280		301.6	5.445			6681.005	9																																																																		
10	93.0		0.328		720.808	65.2	0.228			2147.315	121.0	0.201			4619.938		321.4	5.073			6680.800	10																																																																		
11	76.6		0.139		791.269	50.1	0.229			2217.186	117.3	0.612			4816.171		342.7	4.680			6680.595	11																																																																		
12	61.8		0.147		858.928	37.2	0.688			2233.698	115.8	0.328			4934.043		403.7	7.276			6680.390	12																																																																		
13	58.3		0.154		917.068	39.4	0.691			2327.407	121.0	1.072			5053.971		451.6	8.173			6680.185	13																																																																		
14	56.3		0.162		973.206	49.1	0.694			2402.813	146.1	1.261			5166.310		464.1	7.801			6680.080	14																																																																		
15	55.5		0.168		1028.538	68.4	0.700			2488.513	117.8	0.956			5283.134		409.7	7.902			6679.875	15																																																																		
16	51.8		0.174		1080.164	79.8	0.340			2467.373	115.6	1.933			5396.821		395.5	7.051			6679.670	16																																																																		
17	49.6		0.179		1129.585	92.5	1.193			2558.680	104.9	1.948			5499.773		346.5	6.670			6679.465	17																																																																		
18	29.8		0.363		1119.022	104.2	0.727			2662.153	106.3	1.637			5604.236		305.5	5.826			6679.260	18																																																																		
19	30.3		0.185		1189.139	93.5	0.959			2724.669	119.0	2.336			5720.930		268.1	4.870			6679.055	19																																																																		
20	30.3		0.185		1219.254	70.4	0.994			2824.075	117.2	2.336			5835.804		246.3	5.892			6678.850	20																																																																		
21	27.0		0.374		1245.880	65.2	1.000			2888.275	218.3	2.356			6101.948		237.8	5.378			6678.645	21																																																																		
22	24.1		0.376		1269.604	72.4	0.755			2959.520	255.2	2.390			6374.758		216.8	5.424			6678.440	22																																																																		
23	20.6		0.377		1289.827	60.5	0.758			3013.662	259.4	2.314			6607.844		203.9	6.428			6678.235	23																																																																		
24	18.6		0.378		1308.049	55.3	1.012			3073.950	265.4	2.818			6870.426		196.2	5.995			6678.030	24																																																																		
25	17.9		0.190		1325.759	68.7	0.761			3144.889	293.1	3.224			7160.328		228.9	8.071			6677.825	25																																																																		
26	5.5		0.375		1330.884	68.0	1.274			3208.615	271.3	3.277			7428.325		182.5	9.689			6677.620	26																																																																		
27	0.5		0.370		1331.014	57.3	0.513			3265.432	282.3	3.321			7548.404		175.4	10.781			6677.415	27																																																																		
28	4.5		0.366		1351.448	44.9	1.221			3329.279	202.6	3.352			7668.762		177.4	11.875			6677.210	28																																																																		
29	50.6		0.181		1385.564	73.2	1.211			3381.268	217.7	3.379			8061.973		153.3	8.100			6677.005	29																																																																		
30			1.569		97.0	105.4	1.594			3476.699	286.4	3.481			8344.892		134.2	7.027			6676.800	30																																																																		
31			0.597		105.4		1.594			3580.505							126.5	7.578			6676.595	31																																																																		
TOTAL	959.7	212.8	5.759			2217.9	22.959				4818.7	54.313				13370.4	190.269				TOTAL																																																																			
JUNE 1976																						JULY 1976																						AUGUST 1976																						SEPTEMBER 1976																						DAY
1	122.5		8.664		19638.136	290.2	8.651			14507.069	258.1	3.507																																																																												

Table C-3 (Cont'd)

UNCLASSIFIED//FOR OFFICIAL USE ONLY

DAY	OCTOBER 1976					NOVEMBER 1976					DECEMBER 1976					JANUARY 1977					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	101.2		0.776		3228.677	0.0	301.3	0.738		1604.419	0.151		429.863	6.0	0.076				439.314	1	
2	158.0		1.111		3355.566	195.0	313.0	0.909		1415.510	0.142		429.721	17.1	0.156				456.298	2	
3	130.7		1.126		3485.140	0.0	313.4	0.740		1103.370	0.151		429.570	56.0	0.085				512.373	3	
4	97.2		1.519		3580.821		313.8	0.269		769.301	0.151		429.419	44.4	0.092				556.481	4	
5	71.9		1.918		3650.803		316.4	0.382		520.519	0.151		429.268	22.1	0.095				578.186	5	
6	61.3		2.075		3710.026	0.0	121.0	0.271		299.248	0.151		429.117	16.1	0.098				594.188	6	
7	50.1		2.918		3757.210	7.2	0.0	0.222		306.226	0.151		428.966	15.1	0.100				609.188	7	
8	40.7		2.503		3795.407	2.0		0.168		308.058	0.151		428.815	13.4	0.102				622.786	8	
9	32.2		2.983		3827.684	0.7		0.168		308.590	0.075		428.740	10.7	0.103				633.383	9	
10	32.5		2.982		3857.262	0.0		0.168		308.122	0.150		428.590	11.2	0.0				644.333	10	
11	25.5		2.504		3880.250	0.0		0.095		308.366	0.150		428.440	10.7	0.106				655.177	11	
12	23.1		2.502		3900.856	2.5		0.0		310.866	0.150		428.290	8.7	0.108				663.769	12	
13	20.1		2.917		3918.039	2.7		0.077		313.593	0.150		428.140	7.9	0.108				671.561	13	
14	16.6		2.498		3932.141	4.5		0.097		317.952	0.149		427.991	9.2	0.0				680.761	14	
15	14.6		2.494		3944.247	9.7		0.099		327.593	0.149		427.842	9.9	0.0				690.661	15	
16	12.6		2.077		3954.770	10.7		0.121		328.172	0.224		427.618	9.9	0.111				700.450	16	
17	10.7		2.190		3962.980	12.4		0.063		330.509	0.224		427.394	11.2	0.113				711.537	17	
18	9.9		2.487		3970.393	13.4		0.065		361.844	0.149		427.245	11.9	0.114				723.323	18	
19	7.4		2.662		3975.311	11.2		0.066		372.978	0.149		427.096	14.4	0.117				737.606	19	
20	6.0		2.066		3979.245	10.7		0.068		383.610	0.149		426.947	17.1	0.118				754.588	20	
21	2.2		2.508		3978.937	9.9		0.070		393.440	0.074		426.793	17.9	0.121				772.367	21	
22	5.0		2.119		3981.618	9.9		0.0		403.340	0.149		426.724	17.9	0.123				790.144	22	
23	6.7		1.288		3987.230	8.7		0.073		411.967	0.074		426.650	15.4	0.126				805.118	23	
24	0.0		1.308		3985.722	5.5		0.074		417.393	0.148		426.502	17.6	0.128				822.890	24	
25	239.6	0.2	1.270		3744.852	4.0		0.075		421.318	0.148		426.354	17.4	0.0				840.290	25	
26																					
27	378.4		1.185		3365.267	2.7		0.075		423.943	0.074		426.280	15.4	0.133				857.257	26	
28	319.9		1.864		3043.503	3.2		0.075		427.068	0.147		426.133	17.1	0.135				872.522	27	
29	283.2		1.764		2758.539	1.5		0.131		428.417	0.147		425.986	15.1	0.138				887.448	28	
30	286.7		1.302		2470.517	1.2		0.132		429.465	0.147		425.839	14.6	0.140				901.944	29	
31	283.5		1.223		2185.794	0.7		0.151		430.014	0.074	2.5	425.685	13.9	0.142				915.702	30	
	278.5		0.837		1906.457						5.2		433.390	12.6	0.144				928.138	31	
TOTAL	909.2	209.0	60.956			258.0	1728.9	5.543			7.7		497.9		3.132					TOTAL	
DAY	FEBRUARY 1977					MARCH 1977					APRIL 1977					MAY 1977					DAY
1	11.9		0.146		939.912	29.3	0.358		1418.750	25.5	0.943		2231.308	123.3	2.154				5773.672	1	
2	14.4		0.147		954.165	22.8	0.342		1441.008	26.5	1.149		2256.659	116.1	2.167				5887.605	2	
3	13.4		0.298		967.267	18.6	0.544		1459.064	25.8	1.155		2281.304	111.8	2.210				5996.495	3	
4	10.7		0.320		977.667	17.9	0.548		1476.416	27.0	1.398		2316.906	93.0	2.300				6088.565	4	
5	7.5		0.298		984.767	16.6	0.551		1492.465	48.6	1.412		2364.094	89.0	2.576				6174.969	5	
6	5.0		0.151		990.616	18.4	0.925		1509.940	77.6	1.673		2440.021	86.3	2.216				6259.073	6	
7	7.2		0.300		997.516	19.8	0.745		1528.995	116.8	1.711		2555.110	77.1	1.483				6334.690	7	
8	6.7		0.300		1003.916	21.1	0.563		1549.532	148.3	1.257		2702.153	78.4	0.744				6412.346	8	
9	7.2		0.150		1010.966	24.3	0.189		1573.643	142.6	0.777		2843.976	92.5	0.748				6504.098	9	
10	7.9		0.300		1018.566	25.8	0.574		1598.872	114.3	1.328		2956.948	91.8	1.504				6594.394	10	
11	10.4		0.300		1028.666	23.3	0.576		1621.596	104.4	1.623		3059.785	104.7	1.132				6692.962	11	
12	4.5		0.300		1032.666	23.5	0.580		1646.516	107.6	1.966		3165.399	108.9	1.518				6805.344	12	
13	3.7		0.299		1036.267	26.5	0.586		1672.430	116.6	1.680		3280.319	100.2	0.760				6904.784	13	
14	6.0		0.448		1041.819	22.1	0.590		1693.940	114.8	1.993		3393.126	91.0	1.590				6993.874	14	
15	7.2		0.449		1048.570	19.8	0.593		1713.147	139.6	2.317		3530.409	105.9	3.450				7096.324	15	
16	9.2		0.450		1057.320	27.3	0.198		1740.249	190.2	2.069		3718.540	138.1	1.132				7231.733	16	
17	11.2		0.452		1068.068	25.5	0.622		1765.147	225.2	2.122		3941.618	123.5	2.769				7311.364	17	
18	10.7		0.604		1078.164	21.8	0.404		1786.543	213.0	2.489		4122.129	93.5	3.825				7442.139	18	
19	9.9		0.300		1087.408	21.8	0.668		1807.735	165.2	2.865		4312.464	100.2	3.500				7538.232	19	
20	3.7		0.303		1090.855	20.6	0.611		1827.724	129.7	3.229		4438.935	135.2	3.906				7670.126	20	
21	16.1		0.0		1106.955	23.6	0.818		1850.506	121.8	2.842		4577.793	202.9	4.314				7868.712	21	
22	59.3		0.114		1165.941	31.2	1.034		1882.672	113.6	2.644		4688.749	247.6	4.562				8113.355	22	
23	58.3		0.163		1224.078	42.7	0.838		1924.534	111.6	3.332		4777.017	244.8	3.856				8356.166	23	
24	44.4		0.166		1268.312	45.6	0.636		1969.498	119.3	2.395		4893.962	225.7	2.650				8579.454	24	
25	47.4		0.509		1305.203	45.6	0.216		2014.882	120.5	2.718		5011.744	194.7	3.450				8770.504	25	
26	30.0		0.517		1334.686	39.4	0.871		2053.411	130.2	2.057		5139.887	171.9	3.675				8938.729	26	
27	26.5		0.348		1360.838	35.7	1.099		2088.012	131.9	2.425		5269.362	184.0	4.096				9118.633	27	
28	29.5		0.530		1399.808	38.2	0.887		2125.325	128.9	2.796		5399.466	235.5	4.577				9314.606	28	
29						32.2	1.120		2166.409	131.4	2.471		5524.595	250.4	5.786				9544.220	29	
30																					



Table C-3 (Cont'd)

CONSOLIDATED PEOPLE'S DITCH COMPANY

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
	NOVEMBER 1977					DECEMBER 1977					JUNE 1978					JULY 1978					
1			0.012		25.295	17.4		0.041		202.892			162.4	7.834	2347.151	1					1
2			0.017		25.278	12.2		0.043		214.049			148.7	7.359	23281.092	2					2
3			0.017		25.261	6.2		0.044		220.205			148.7	7.977	23114.415	3					3
4	0.0		0.006		25.255	12.6		0.047		232.748			158.7	7.897	22947.518	4					4
5	8.7		0.008		33.947	11.7		0.049		244.409			158.7	7.817	22781.301	5					5
6	18.6		0.024		32.723	11.7		0.051		256.058			158.7	8.438	22614.163	6					6
7	13.1		0.029		65.794	13.9		0.094		269.904			146.3	9.094	22448.764	7					7
8	7.9		0.033		73.661	5.2		0.094		275.050			148.8	9.062	22310.908	8					8
9	6.7		0.036		80.325	1.2		0.094		276.196			138.8	10.044	22162.058	9					9
10	3.5		0.037		63.788	0.7		0.095		276.841			138.8	9.690	22011.568	10					10
11	2.0		0.057		85.731	1.2		0.109		277.932			138.8	8.050	21866.718	11					11
12	0.0		0.098		86.393	0.7		0.0		278.632			148.8	7.645	21730.273	12					12
13	0.7		0.019		86.374	0.0		0.095		278.377			144.8	8.244	21595.329	13					13
14			0.038		86.336	6.2		0.096		284.721			138.8	8.503	21409.026	14					14
15			0.037		86.299	31.0		0.062		335.659			138.8	8.529	21261.697	15					15
16			0.037		86.262	67.2		0.074		382.785			152.5	8.908	21100.289	16					16
17			0.037		86.225	267.3		0.107		649.978			184.3	9.642	20906.347	17					17
18			0.037		86.188	276.0		0.242		925.836			230.6	10.048	20655.699	18					18
19			0.096		86.132	132.4		0.159		1058.077			272.3	9.075	20384.324	19					19
20			0.019		86.113	69.7		0.168		1127.609			296.1	10.524	20076.008	20					20
21			0.018		86.095	59.0		0.174		1186.435			304.3	8.522	19763.171	21					21
22	3.7		0.019		89.776	63.7		0.363		1249.772			303.5	8.933	19490.746	22					22
23	14.6		0.023		104.334	158.0		0.193		1407.579			302.3	10.417	19138.029	23					23
24	13.6		0.025		117.949	162.7		0.416		1569.863			318.9	9.092	18810.077	24					24
25	9.9		0.027		127.802	99.4		0.237		1669.046			297.1	5.110	18507.867	25					25
26	12.4		0.029		140.173	204.6		0.0		1873.646			222.0	7.753	18278.124	26					26
27	12.6		0.032		152.741	615.8		0.241	-2489.205	0.0		213.0	8.237	18016.877	27					27	
28	13.1		0.034		165.807						99.2	6.637	2395.165	333.8	8.345	17674.731	28				28
29	11.4		0.036		177.171						158.7	6.949	23789.314	360.3	7.653	17366.778	29				29
30	7.4		0.038		184.533						164.9	7.229	23617.385	369.2	8.472	16936.006	30				30
31														369.2	8.532	16598.274	31				31
TOTAL	160.1		0.874			2307.7		3.028	-2489.205			422.8	20.815			6793.1	266.011				TOTAL
	AUGUST 1978					SEPTEMBER 1978					FEBRUARY 1979					MARCH 1979					
1	376.4	8.861			16172.891	0.0		0.0		0.0					251.5	0.290					1
2	380.7	9.051			15783.112	0.0		0.0		0.0					255.2	0.329					2
3	411.4	9.192			15368.520	14.1		0.044		14.086					217.5	0.543					3
4	433.5	9.464			14922.556	0.0		0.0		34.086					214.8	0.588					4
5	437.1	9.387			14476.069	223.2		0.0		237.286					227.4	0.627					5
6	447.1	11.939			14017.030	179.8		0.158		416.934					251.5	0.668					6
7	463.5	9.569			13593.961	33.7	0.0	0.196		450.438					314.0	0.826					7
8	481.3	7.153			13045.508	0.0	105.4	0.178		344.860					367.6	1.019					8
9	486.3	7.674			12511.534	0.0	216.8	0.066		127.994					392.1	1.082					9
10	537.2	8.202			11966.132	128.0		0.0		0.0					414.9	1.141					10
11	543.1	6.580			11416.452	0.0		0.0							415.9	0.900					11
12	577.3	6.666			10832.486										394.6	1.248					12
13	551.6	6.704			10273.942										372.5	1.340					13
14	558.0	6.368			9709.578										350.2	0.673					14
15	586.0	6.879			9116.699										397.0	1.218					15
16	588.8	6.430			8521.469										404.5	0.708					16
17	578.6	6.465			7936.404										361.6	0.366					17
18	567.2	4.982			7364.222										339.0	1.494					18
19	573.4	4.862			6785.960										332.8	0.719					19
20	568.2	5.943			6212.717						63.2	0.008		63.192	315.2	1.536					20
21	596.2	3.943			5612.578						221.5	0.033		284.659	299.3	1.198					21
22	629.4	3.592			5022.670						180.5	0.057		284.5	1.204	0.329					22
23	638.1	2.745			4431.825						136.2	0.170		694.155	274.0	2.039					23
24	647.5	2.172			3782.153						129.2	0.193		830.185	270.6	2.097					24
25	647.8	2.160			3132.193										959.192	273.5	2.490				25
26	643.6	1.948			2487.045						133.9	0.107		1092.985	315.4	1.258					26
27	641.6	1.353			1844.092						98.7	0.230		1191.455	485.6	2.099					27
28	633.4	0.933			1209.759						132.7	0.253		1323.902	587.0	0.843					28
29	632.6	0.477			576.682										509.9	1.699					29
30	508.4	0.094			68.228										438.7	0.860					30
31	68.2				0.0										392.1	2.161					31
TOTAL	16483.7	167.342				450.8	450.2	0.606			1325.1	1.198			10716.4	35.024					TOTAL
	APRIL 1979					MAY 1979					JUNE 1979					JULY 1979					
1	368.9		1.299		12372.880	367.0		4.699		2169.249	49.6	12.689			28310.620	464.7	9.095				1
2	352.9		3.054		12722.726	367.0		4.707		2191.542	79.3	12.252			28219.068	464.4	7.934				2
3	333.3		3.081		13092.945	366.9		6.081		2232.361	79.3	11.003			28128.765	469.0	7.146				3
4	341.0		3.536																		

Table C-3 (Cont'd)

CONSOLIDATED PEOPLE DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
AUGUST 1979																						SEPTEMBER 1979																						OCTOBER 1979																						NOVEMBER 1979																					
1	254.4	2.83			244,493	35.2	0.706			788,632	26.3	1.115			1,307,209	21.8		0.880			1872,398	1																																																																	
2	245.9	2.36			218,228	42.4	0.905			830,087	21.6	1.409			1,372,400	18.1		0.881			1859,617	2																																																																	
3	259.7	1.85			192,616	36.5	0.770			865,817	15.4	0.851			1,341,949	29.5		0.581			1918,236	3																																																																	
4	265.6	1.608			156,468	32.2	0.797			897,220	11.4	1.140			1,352,209	52.6		0.589			1970,247	4																																																																	
5	265.4	1.500			139,568	31.2	1.028			927,392	9.9	1.143			1,360,366	51.6		0.894			2020,953	5																																																																	
6	265.1	1.131			1123,337	28.5	1.096			954,836	6.2	1.144			1,366,022	39.4		0.898			2059,455	6																																																																	
7	48.9	1.347			1071,090	34.0	1.059			987,747	5.2	1.145			1,370,077	35.7		0.901			2094,254	7																																																																	
8	85.1	1.467			1156,723	26.5	0.893			1013,354	2.2	0.858			1,371,419	38.2		0.906			2131,548	8																																																																	
9	21.4	1.260			1137,009	21.1	1.137			1033,317	0.0	1.111			1,370,278	39.7		0.610			2170,638	9																																																																	
10	207.6	0.965			983,444	18.1	1.156			1050,261	0.855				1,369,423	38.4		0.614			2208,424	10																																																																	
11	212.0	0.569			710,875	17.1	1.408			1065,953	17.1	0.855			1,368,568	35.2		0.617			2213,007	11																																																																	
12	208.1	0.452			502,343	12.2	1.423			1075,730	0.569				1,367,999	35.0		0.592			2227,075	12																																																																	
13	208.1	0.272			291,971	9.9	1.437			1085,193	0.569				1,367,430	32.0		0.595			2308,140	13																																																																	
14	205.3	0.092			258,579	9.9	1.207			1093,886	0.569				1,366,861	0.0	6.2	0.622			2371,318	14																																																																	
15	211.0	0.044		+170.0	47,535	3.7	1.453			1096,133	0.852				1,366,009		21.6	1.233			2378,485	15																																																																	
16					0.0	0.0	1.455			1094,678	0.851				1,365,158		6.7	0.920			2270,865	16																																																																	
17	47.4	0.021			47,377	1.456	1.456			1093,222	0.849				1,364,309		0.0	0.304			2270,561	17																																																																	
18	66.7	0.101			111,969	1.215	1.215			1092,007	0.847				1,363,462		0.0	0.308			2270,259	18																																																																	
19	69.7	0.215			215,554	0.972	1.035			1091,035	21.2	0.566			1,374,096			0.600			2259,959	19																																																																	
20	67.4	0.234			250,620	0.973	1.062			1090,062	143.1	0.579			1,316,624			0.597			2269,362	20																																																																	
21	62.4	0.290			312,730	1.224	1.224			1088,838	137.6	0.602			1,653,622			0.588			2268,774	21																																																																	
22	57.0	0.341			369,389	1.227	1.227			1077,611	70.7	0.921			1,723,401			0.299			2268,479	22																																																																	
23	53.1	0.387			422,102	1.227	1.227			1066,384	52.1	1.243			1,774,258			0.592			2267,887	23																																																																	
24	47.9	0.429			469,573	0.961	1.061			1065,403	47.6	1.295			1,820,603			0.295			2267,592	24																																																																	
25	45.6	0.469			514,704	53.3	1.008			1137,699	50.1	0.642			1,870,061			0.287			2267,005	25																																																																	
26	44.4	0.635			558,469	60.5	0.787			1197,408	25.5	0.617			1,895,244			0.587			2266,418	26																																																																	
27	42.4	0.945			600,324	29.5	0.801			1226,107	13.6	0.329			1,981,025			0.299			2266,123	27																																																																	
28	39.2	0.784			639,600	18.6	0.814			1243,993	12.7	0.501			1,937,734			0.593			2265,536	28																																																																	
29	40.2	0.460			678,540	17.9	0.844			1214,249	24.3	0.588			1,812,838			0.594			2264,938	29																																																																	
30	39.2	0.645			717,099	21.6	0.525			1282,024	15.6	0.878			1,827,558			0.593			2264,345	30																																																																	
31	37.7	0.677			754,118						24.8	0.880			1,851,478						2264,345	31																																																																	
TOTAL	845.4	2938.1	23,669	+170.0		559.9		31,994		676.5	80.6	26,446				467.2	34.5	29,833			TOTAL																																																																		
DECEMBER 1979																						JANUARY 1980																						FEBRUARY 1980																						MARCH 1980																					
1		0.596			2261,749		0.270			2249,754		0.119			2244,904			0.119			2237,124	1																																																																	
2		0.896			2268,853		0.544			2249,210		0.245			2244,659			0.181			2236,943	2																																																																	
3		0.903			2261,950		0.274			2248,396		0.063			2244,596			0.121			2236,822	3																																																																	
4		0.903			2261,047		0.279			2248,057		0.065			2244,531			0.121			2236,746	4																																																																	
5		0.601			2260,446		0.0			2248,657		0.230			2244,399			0.121			2236,455	5																																																																	
6		0.601			2259,845		0.288			2248,369		0.067			2244,332			0.119			2236,336	6																																																																	
7		0.599			2259,246		0.292			2248,077		0.209			2244,123			0.358			2235,978	7																																																																	
8		0.899			2258,347		0.297			2247,780		0.357			2243,766			0.420			2235,598	8																																																																	
9		0.598			2257,749		0.0			2247,780		0.370			2243,396			0.423			2235,135	9																																																																	
10		0.300			2257,449		0.267			2247,513		0.384			2243,012			0.181			2234,994	10																																																																	
11		0.0			2257,449		0.263			2247,290		0.478			2242,534			0.304			2234,650	11																																																																	
12		0.300			2257,149		0.0			2247,290		0.417			2242,117			0.241			2234,409	12																																																																	
13		0.300			2256,549		0.052			2247,238		0.087			2242,030			0.299			2234,110	13																																																																	
14		0.300			2256,249		0.133			2247,105		0.090			2241,940			0.299			2233,811	14																																																																	
15		0.300			2255,949		0.043			2247,062		0.184			2241,756			0.299			2233,512	15																																																																	
16		0.600			2255,349		0.043			2247,019		0.177			2241,579			0.420			2233,092	16																																																																	
17		0.600			2254,749		0.043			2246,976		0.222			2241,357			0.301			2232,791	17																																																																	
18		1.206			2254,549		0.098			2246,888		0.231			2241,126			0.241			2232,550	18																																																																	
19		0.592			2254,950		0.135			2246,753		0.805			2240,323			0.422			2232,188	19																																																																	
20		0.599			2252,351		0.137			2246,616		0.190			2240,131			0.545			2231,583	20																																																																	
21		0.0			2252,351		0.142			2246,474		0.327			2239,804			0.243			2231,340	21																																																																	
22		0.300			2252,051		0.097			2246,377		0.264			2239,590			0.439			2230,847	22																																																																	
23		0.297			2251,754		0.148			2246,229		0.199			2239,325			0.529			2230,285	23																																																																	
24		0.297			2251,457		0.150			2246,079		0.251			2239,074			0.638			2229,647	24																																																																	
25		0.290			2251,167		0.092			2246,027		0.412			2238,662			0.665			2229,582	25																																																																	
26		0.0			2251,167		0.106			2245,921		0.421			2238,244			0.265			2229,317	26																																																																	
27		0.288			2250,879		0.162			2245,759		0.325			2237,916			0.406			2228,911	27																																																																	
28		0.288			2250,581		0.220			2245,599		0.280			2237,529			0.438			2228,436	28																																																																	
29		0.290			2250,301		0.056			2245,483		0.286			2237,243			0.620			2227,814	29																																																																	
30		0.0			2250,301		0.285			2245,196		0.693			2237,121			0.693			2227,121	30																																																																	
31		0.277			2250,024		0.175			2245,023		0.599			2236,962			0.599			2226,562	31																																																																	
TOTAL		14,321				5,001		10,681		7,780						10,681					TOTAL																																																																		
APRIL 1980																						MAY 1980																						JUNE 1980																						JULY 1980																					
1		0.566			2225,996		0.296			2209,878		0.666			2191,207			0.0			26973,000	1																																																																	
2		0.572			2225,424		0.758			2209,120		0.653			2190,554			0.0			26973,000	2																																																																	
3		0.581			2224,843		0.630			2208,190		0.640			2189,914			0.0			26973,000	3																																																																	
4		0.28			2224,685		0.894			2207,596		0.657			2189,257			0.0			26973,000	4																																																																	
5		0.071			2224,334		0.766																																																																																

Table C-3 (Cont'd)

CONSOLIDATED PROGRESS DITCH COMPANY

DAY	AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY						
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1		372.0	12.620		22767.221	494.8	4.727			6796.569											a 2635.737 acre-feet transferred from Farmers Ditch Company.	1
2		383.7	13.072		22704.449	473.9	4.578			6318.091											b 15.203 acre-feet diverted to Oakes Ditch.	2
3		400.0	12.194		21958.255	358.3	4.412			5855.779											c Transferred to Oakes Ditch.	3
4		425.3	10.917		21522.038	460.8	4.515			5390.064											d Released because Terminus Reservoir above allowable storage.	4
5		451.4	10.936		21059.702	488.4	3.750			4897.914												5
6		469.0	10.954		20579.748	499.0	3.774			4395.140											e Transferred from Sweeney Ditch.	6
7		479.1	10.553		20090.095	499.7	2.587			3992.893											f Transferred from Oakes Ditch.	7
8		498.2	10.580		19581.315	330.8	2.497			3559.556											g Transferred from Fleming Ditch.	8
9		501.7	11.373		19068.244	239.4	2.235			3327.941											h Transferred from Farmers Ditch.	9
10		502.9	11.269		18554.075	231.4	2.366			3094.175											i Storage adjusted to maximum allowable.	10
11		503.4	10.812		18079.863	219.5	2.121			2852.554											j Transferred to Fleming Ditch (from Lower Keweenaw).	11
12		506.9	10.327	+232.409	17815.045	239.1	1.921			2611.533												12
13		517.3	10.067		17287.678	236.1	1.941			2373.492												13
14		531.7	7.875		16748.103	236.1	1.524			2135.868												14
15		545.1	6.578		16196.425	234.8	1.095			1899.973												15
16		447.9	7.433		15741.092	226.7	1.103			1672.170												16
17		502.2	7.802		15231.090	135.4	1.265			1535.502												17
18		573.9	7.211		14649.979	90.7	1.237			1443.565												18
19		560.5	5.805		14083.674	94.0	0.595			1348.970												19
20		554.0	7.292		13522.382	90.8	0.954			1257.216												20
21		558.0	6.703		12957.679	93.0	0.912			1163.304												21
22		571.9	5.747		12380.032	70.4	0.883			1092.021												22
23		575.6	6.315		11798.117	55.5	1.009			1035.512												23
24		579.6	7.180		11211.337	60.5	0.949			974.053												24
25		585.7	6.938		10618.699	49.9	0.893			923.270												25
26		573.6	5.766		10039.333	24.3	0.868			862.102												26
27		550.5	5.722		9483.111	5.2	0.862			802.040												27
28		546.6	6.023		8930.488	0.0	0.574			891.466												28
29		555.8	4.966		8369.722	0.0	0.727			890.739												29
30		542.1	4.579		7823.043	80.6	0.792			809.341												30
31		521.8	5.147		7296.096																	31
TOTAL		15887.4	260.754	+232.409		6429.1	57.655															TOTAL
DAY																						DAY
1																						1
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9																						9
10																						10
11																						11
12																						12
13																						13
14																						14
15																						15
16																						16
17																						17
18																						18
19																						19
20																						20
21																						21
22																						22
23																						23
24																						24
25																						25
26																						26
27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL																						TOTAL

Table C-4

CONSOLIDATED PEOPLES DITCH COMPANY  
FROM SWEENEY DITCH STORAGE

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
JUNE 1977																					
1										64.369					62.770						1
2										64.323					62.702						2
3										64.279					62.637	0.0					3
4										64.239					62.585	0.0					4
5					45.387					64.199					62.526	0.0					5
6			0.024		45.363					64.155					62.471	7.9		0.008			6
7			0.028		45.335					64.105					62.425	8.0		0.013			7
8	0.0		0.018		45.317					64.060					62.378	7.9		0.019			8
9	0.0		0.005		51.511					64.011		12.4			62.336	0.0		0.021			9
10	9.9		0.017		61.394					63.964		7.4			62.289	0.0		0.021			10
11	3.7		0.029		65.065					63.916		0.0			62.245	0.0		0.021			11
12	0.0		0.029		65.036					63.865		0.0			62.199	0.0		0.021			12
13			0.029		65.007					63.813		0.0			62.153	0.0		0.021			13
14			0.029		64.978					63.760		0.0			62.107	0.0		0.021			14
15			0.033		64.945					63.706		0.0			62.061	0.0		0.021			15
16			0.031		64.914					63.666		0.0			62.015	0.0		0.021			16
17			0.035		64.879					63.613		0.0			61.969	0.0		0.021			17
18			0.030		64.849					63.560		0.0			61.923	0.0		0.021			18
19			0.030		64.819					63.513		36.811			61.877	0.0		0.021			19
20			0.026		64.793					63.468		5.384			61.831	0.0		0.021			20
21			0.035		64.758					63.410		0.0			61.785	0.0		0.021			21
22			0.042		64.716					63.353		0.0			61.739	0.0		0.021			22
23			0.042		64.674					63.306		0.0			61.693	0.0		0.021			23
24			0.038		64.636					63.259		0.0			61.647	0.0		0.021			24
25			0.038		64.598					63.216		0.0			61.601	0.0		0.021			25
26			0.040		64.558					63.177		0.0			61.555	0.0		0.021			26
27			0.043		64.515					63.138		0.0			61.509	0.0		0.021			27
28			0.034		64.481					63.096		0.0			61.463	0.0		0.021			28
29			0.032		64.449					63.054		0.0			61.417	0.0		0.021			29
30			0.040		64.409					62.991		0.0			61.371	0.0		0.021			30
31										62.836		0.0			61.216	0.0		0.021			31
TOTAL	19.8		0.778	45.387				1.573				61.995	0.841			39.7	39.639	0.061			TOTAL
JULY 1977																					
AUGUST 1977																					
SEPTEMBER 1978																					
FEBRUARY 1979																					
MARCH 1979																					
APRIL 1979																					
MAY 1979																					
JUNE 1979																					
JULY 1979																					
AUGUST 1979																					
JULY 1980																					

Table C-4 (Cont'd)

CONSOLIDATED PEOPLES DITCH COMPANY  
FROM SWEENEY DITCH STORAGE

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
AUGUST 1980																						
1	6.7		0.132		238,000																1	
2	6.7		0.143		244,557																	2
3	6.7		0.139		251,118																	3
4	6.7		0.131		257,687																	4
5	6.7		0.137		264,290																	5
6	6.7		0.144		270,866																	6
7	6.7		0.146		277,360																	7
8	6.7		0.153		283,907																	8
9	6.7		0.173		290,434																	9
10	2.5		0.178		296,756																	10
11	0.0		0.175		292,581																	11
12			0.172	-292,409	0.0																	12
13																						13
14																						14
15																						15
16																						16
17																						17
18																						18
19																						19
20																						20
21																						21
22																						22
23																						23
24																						24
25																						25
26																						26
27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL	62.8		1.823	-292,409																	TOTAL	
AUGUST 1980																						
1																						1
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9																						9
10																						10
11																						11
12																						12
13																						13
14																						14
15																						15
16																						16
17																						17
18																						18
19																						19
20																						20
21																						21
22																						22
23																						23
24																						24
25																						25
26																						26
27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL																					TOTAL	

Table C-5

CONSOLIDATED PEOPLES DITCH COMPANY  
FROM FARMERS DITCH STORAGE

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	JULY 1977					AUGUST 1977										DAY					
1										779,049											1
2										778,203											2
3										777,393											3
4										776,750											4
5										776,028											5
6										775,331											6
7										774,763											7
8										774,030											8
9										773,272											9
10										772,410											10
11										771,601											11
12										770,766											12
13										769,900											13
14										769,002											14
15										768,071											15
16										767,681											16
17						234.4				767,293											17
18						286.4				766,889											18
19						246.7				766,489											19
20										766,089											20
21										765,689											21
22										765,289											22
23										764,889											23
24										764,489											24
25										764,089											25
26										763,689											26
27										763,289											27
28										762,889											28
29										762,489											29
30										762,089											30
31										761,689											31
TOTAL																					TOTAL
DAY																DAY					
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL



Table C-6 (Cont'd)

FARMERS DITCH COMPANY

DAY	MAY 1977					JUNE 1977					JULY 1977					AUGUST 1977					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1			0.008		21.233	97.4		0.265		411.988			0.508		798.874							
2			0.008		21.225	84.7		0.254		496.034			0.570		796.304							
3			0.010		21.235	63.4		0.304		557.210			0.547		797.757							
4			0.010		21.205	34.6		0.361		591.349			0.494		797.263							
5			0.009		21.196	8.9		0.294		599.955			0.501		796.762							
6			0.008		21.188	0.0		0.312		599.643			0.541		796.221							
7			0.005		21.183			0.375		599.268			0.615		795.606							
8			0.002		21.181			0.240		599.088			0.559		795.047							
9			0.002		21.179	81.7		0.073		680.655			0.603		794.444							
10			0.005		21.174	98.0		0.216		778.439			0.580		793.864							
11			0.004		21.170	29.4		0.334		807.505			0.591		793.273							
12			0.005		21.165	0.0		0.359		800.146			0.637		792.656							
13			0.002		21.163			0.356		806.790			0.648		792.068							
14			0.006		21.157			0.354		805.436			0.661		791.387							
15			0.010		21.147			0.407		806.029			0.674		790.653							
16			0.006		21.139			0.379		805.650			0.497		790.156	0.0		0.0		0.0		
17			0.011		21.128			0.432		805.218			0.664		789.492	89.3		0.015		89.285		
18			0.008		21.120			0.378		804.840			0.639		788.853	96.5		0.022		145.763		
19			0.010		21.110			0.377		804.463			0.612		788.241	1.8		0.022		147.541		
20		0.0	0.011		21.099			0.384		804.139			0.627		787.614	0.0		0.022		147.519		
21	13.3		0.019		34.380			0.434		803.705			0.643		786.971			0.022		147.497		
22	36.7		0.008		71.052			0.517		803.188			0.703		786.268	0.0		0.043		147.454		
23	11.8		0.005		101.027			0.519		802.669			0.631		785.637	1.5		0.080		148.934		
24	32.0		0.052		134.795			0.467		802.202			0.648		784.989	0.9		0.040		148.794		
25	1.8		0.049		116.546			0.469		801.733			0.665		784.384	0.0		0.019		149.779		
26	0.0		0.048		116.498			0.500		801.233			0.732		783.592	42.3		0.0		192.075		
27	0.0		0.052		116.446			0.534		800.699			0.637		782.656	199.0		0.038	-391.037	0.0		
28	10.4		0.062		126.784			0.445		800.274			0.722		782.218							
29	40.5		0.101		167.183			0.403		799.874			0.797		781.421							
30	64.8		0.136		229.847			0.495		799.376			0.877		780.544							
31	84.8		0.194		314.453								0.678	779.866	0.0							
TOTAL	294.1		0.888			496.1		11.177					19.510	779.866 <sup>b</sup>		391.3		0.263	-391.037 <sup>c</sup>		TOTAL	
DAY	JUNE 1978					JULY 1978					AUGUST 1978					SEPTEMBER 1978					DAY	
1					18.6			4.099		12269.771			305.5		7454.571			0.0		0.096		99.511
2					13.6	0.0	3.882		12279.489			309.3	4.109		7411.162			0.0		0.119		99.398
3					60.8	29.5	4.226	7.63	12285.763			335.0	4.070		6802.052			0.0		0.097		99.295
4					84.9	4.192	4.192		12180.771			355.4	2.791		6443.901			0.0		0.0		181.099
5						4.161			12127.710			370.3	3.936		6069.665			0.0		0.0		582.795
6					16.6	4.517			12106.593			388.1	4.835		5676.730	265.4	0.0	0.290				792.905
7					2.7	4.902			12098.991			402.3	3.724		5270.706	52.1	67.0	0.338				777.667
8					26.8	4.901			12087.890			412.9	2.662		4855.144			193.9	0.302			583.465
9					23.1	5.456			12082.734			416.5	2.721		4435.283			293.1	0.150			290.215
10					28.0	5.285			12005.448			416.5	2.793		4016.670			290.2	0.0			0.0
11					69.9	4.398			11931.157			416.5	2.074		3598.096		0.0					11
12					117.8	4.158			11809.199			416.5	1.957		3279.639							12
13					109.2	4.962			11619.937			416.5	2.813		2761.396							13
14					67.5	4.618			11626.919			416.5	1.536		2343.890							14
15					75.4	4.632			11546.887			416.5	1.453		1925.137							15
16					108.4	4.827			11433.660			416.5	1.138		1507.699							16
17					138.4	5.207			11290.053			416.5	0.888		1090.311							17
18					184.8	5.397			11099.856			416.5	0.455		673.396							18
19					224.9	4.838			10970.117			416.5	0.284		296.602							19
20					243.5	5.410			10621.207			416.5	0.081		100.391							20
21					246.8	4.471			10369.836			0.0	0.070		100.321							21
22					247.3	4.646			10217.990			0.066			100.255							22
23					247.9	5.369			9864.721			0.062			100.193							23
24					260.4	4.620			9599.701			0.058			100.135							24
25					244.3	2.582			9352.819			0.069			100.066							25
26					194.2	3.883			9154.736			0.062			100.004							26
27					209.8	4.088			8940.848			0.073			99.931							27
28		3.398			12266.000				8672.353			0.077			99.854							28
29		3.581			12262.602				8375.050			0.082			99.772							29
30		3.751			12255.270				8071.512			0.079			99.693							30
31					303.3	4.001			7764.211			0.086			99.607							31
TOTAL			10.730			32.2	483.7	139.559				7616.5	48.104			746.0	844.2	1.392				TOTAL
DAY	FEBRUARY 1979					MARCH 1979					APRIL 1979					MAY 1979					DAY	
1					91.2			848.527		131.5		0.500			4764.464			367.8				9960.318
2					84.0	0.156		932.359		119.1		1.172			4882.392			306.5				2.162
3					45.9	0.259		978.000		107.2		1.178			4988.414			323.4				2.197
4					42.0	0.265		1019.735		113.8		1.247			5100.867			392.8				10595.141
5					54.7	0.271																



Table C-6 (Cont'd)

FARMERS DITCH COMPANY

DAY	JUNE 1979					JULY 1979					AUGUST 1979					OCTOBER 1979					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1		91.5	6.732		15021.062	314.0	4.853			10778.547	363.1	2.728			2577.099						1	
2	64.5	11.2	6.514		15023.308	315.3	4.136			10439.049	363.1	2.293			2211.606						2	
3			5.892		15061.916	335.4	3.798			10099.901	363.1	1.778			1846.728						3	
4	100.7		5.261		15157.355	332.0	3.682			9764.219	363.1	1.439			1482.109						4	
5	126.5		5.701		15276.194	332.2	3.452			9426.567	363.1	1.206			1117.863						5	
6																						6
7	152.8		6.373		15424.581	331.5	3.757			9093.310	363.3	0.759			753.824						7	
8	136.4		5.369		15555.612	331.4	3.873			8756.037	363.5	0.489			389.835						8	
9	46.1		6.709		15595.003	331.5	4.163			8422.374	250.3	0.177			139.358						9	
10		26.0	6.726		15622.277	331.7	4.782			8085.892	139.358	0.0			0.0						10	
11		46.6	7.168		15906.509	329.2	3.871			7752.821	0.0				0.0						11	
12	50.8		8.053		13449.656	328.0	3.136			7421.665											12	
13	50.3		6.945		15392.811	328.2	3.596			7089.869											13	
14	71.9		5.485		15315.426	324.6	3.849			6761.420											14	
15	139.8		5.069		15170.557	322.3	3.786			6435.334											15	
16	177.6		4.873		14986.034	322.4	4.016			6108.918											16	
17	192.9		5.090		14790.094	322.4	4.242			5782.276											17	
18	211.2		3.980		14574.654	322.3	3.865			5456.411											18	
19	240.6		5.060		14389.994	322.2	3.342			5130.869											19	
20	258.9		5.037		14065.017	347.2	3.550			4780.139											20	
21	254.5		5.041		13805.476	362.3	1.772			4416.067											21	
22	258.7		5.398		13541.384	362.3	1.832			4051.935											22	
23	263.8		4.501		13273.083	362.3	2.372			3687.263											23	
24	246.2		4.677		13021.906	362.3	2.012			3322.951											24	
25	238.6		5.283		12775.026	362.4	2.236			2958.325											25	
26	243.8		5.014		12529.212	350.1	1.969			2606.256											26	
27	257.2		4.344		12287.668	342.8	1.716			2261.740											27	
28	271.3		4.703		11991.665	355.4	1.279			1925.061											28	
29	283.2		4.648		11703.817	362.8	1.172	+2500.0		1604.089											29	
30	296.4		4.127		11403.230	368.9	3.340			1274.849											30	
31	301.5		4.330		11097.400	363.1	2.845			948.904											31	
TOTAL	627.0	4485.1	163.754			10955.6	98.877	+2500.0			2931.952	10.965				5.9		0.009			TOTAL	
DAY	NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					DAY	
1			0.003		5.860		0.002			5.808		0.001			5.766						1	
2			0.003		5.865		0.002			5.806		0.001			5.765						2	
3			0.003		5.862		0.002			5.804		0.001			5.764						3	
4			0.002		5.860		0.002			5.802		0.001			5.763						4	
5			0.003		5.857		0.002			5.800		0.001			5.763						5	
6																					6	
7			0.003		5.894		0.002			5.798		0.001			5.762						7	
8			0.003		5.891		0.002			5.796		0.001			5.761						8	
9			0.002		5.889		0.002			5.794		0.001			5.760						9	
10			0.002		5.845		0.002			5.792		0.001			5.760						10	
11			0.002		5.843		0.0			5.791		0.001			5.758						11	
12			0.002		5.841		0.001			5.790		0.0			5.758						12	
13			0.002		5.839		0.002			5.788					5.758						13	
14			0.002		5.837		0.001			5.787					5.758						14	
15			0.003		4.834		0.001			5.786					5.758						15	
16			0.002		5.832		0.002			5.784					5.758						16	
17			0.001		5.831		0.002			5.782					5.758						17	
18			0.001		5.830		0.003			5.779					5.758						18	
19			0.001		5.829		0.002			5.777					5.758						19	
20			0.002		5.827		0.002			5.775					5.758						20	
21			0.002		5.825		0.0			5.775					5.758						21	
22			0.001		5.824		0.001			5.774					5.758						22	
23			0.002		5.822		0.001			5.773					5.758						23	
24			0.001		5.821		0.001			5.772					5.758						24	
25			0.002		5.819		0.001			5.771					5.758						25	
26			0.002		5.817		0.0			5.771					5.758						26	
27			0.001		5.816		0.001			5.770					5.758						27	
28			0.002		5.814		0.001			5.769		0.0			5.757						28	
29			0.002		5.812		0.001			5.768		0.0			5.757						29	
30			0.002		5.810		0.0			5.768		0.001			5.756						30	
31			0.001		5.810		0.001			5.767					5.756						31	
TOTAL			0.061				0.043					0.011						0.019			TOTAL	
DAY	MARCH 1980					APRIL 1980					MAY 1980					JUNE 1980					DAY	
1					5.737		0.001			5.709		0.001			5.668						1	
2					5.737		0.001			5.708		0.002			5.666						2	
3			0.0		5.737		0.001			5.707		0.002			5.666						3	
4			0.001		5.736		0.001			5.706		0.002			5.662						4	
5			0.0		5.736		0.0			5.706		0.002			5.660						5	
6																					6	
7			0.001		5.736		0.001			5.705		0.002			5.658						7	
8			0.001		5.735		0.001			5.704		0.002			5.656						8	
9			0.001		5.734		0.001			5.703		0.002			5.654						9	
10			0.001		5.733		0.002			5.703		0.0			5.654						10	
11			0.0		5.733		0.001			5.700		0.001			5.653						11	
12			0.001		5.732		0.002			5.698		0.001			5.652						12	
13			0.001		5.731		0.002			5.696		0.001			5.651						13	
14			0.001		5.730		0.002			5.694		0.001			5.650						14	
15			0.001		5.729		0.002			5.692		0.001			5.649						15	
16			0.001		5.728		0.002			5.690		0.002			5.647						16	
17			0.001		5.727		0.002			5.688		0.002			5.645						17	
18			0.001		5.726		0.002			5.686		0.002			5.643						18	
19			0.001		5.725		0.002			5.684		0.003			5.640						19	
20			0.001		5.724		0.002			5.682		0.003			5.637						20	
21			0.001		5.723		0.001			5.681		0.002			5.635						21	
22			0.001		5.722		0.002			5.679		0.002			5.633						22	
23			0.001		5.721		0.001			5.678												





Table C-7 (Cont'd)

TULARE IRRIGATION DISTRICT  
TRANSFERRED FROM HAWKEYE DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
JANUARY 1979																						
1			0.072		526.719			0.077		524.989			0.096		522.317				0.095		519.246	1
2			0.072		526.647			0.079		524.910			0.094		522.293				0.125		519.121	2
3			0.072		526.575			0.082		524.828			0.138		522.085				0.122		518.999	3
4			0.072		526.503			0.085		524.743			0.136		521.949				0.137		518.862	4
5			0.072		526.431			0.089		524.654			0.132		521.817				0.134		518.728	5
6			0.072		526.359			0.092		524.562			0.127		521.690				0.065		518.663	6
7			0.072		526.287			0.095		524.467			0.163		521.527				0.096		518.567	7
8			0.0		526.207			0.095		524.372			0.155		521.372				0.125		518.442	8
9			0.071		526.126			0.093		524.279			0.148		521.224				0.093		518.349	9
10			0.071		526.145			0.090		524.189			0.140		521.084				0.106		518.243	10
11			0.0		526.145			0.090		524.099			0.101		520.983				0.090		518.153	11
12			0.060		526.085			0.180		523.919			0.129		520.894				0.089		518.064	12
13			0.116		525.969			0.089		523.830			0.129		520.795				0.117		517.947	13
14			0.0		525.969			0.076		523.794			0.061		520.664				0.143		517.804	14
15			0.0		525.969			0.148		523.666			0.087		520.577				0.154		517.650	15
16			0.0		525.969			0.073		523.533			0.056		520.521				0.137		517.513	16
17			0.066		525.903			0.144		523.389			0.028		520.493				0.094		517.419	17
18			0.069		525.834			0.073		523.346			0.107		520.336				0.107		517.312	18
19			0.074		525.760			0.141		523.175			0.026		520.360				0.119		517.193	19
20			0.074		525.686			0.068		523.107			0.103		520.257				0.132		517.061	20
21			0.077		525.609			0.061		523.046			0.075		520.182				0.131		516.930	21
22			0.0		525.609			0.058		522.988			0.074		520.108				0.130		516.800	22
23			0.078		525.531			0.111		522.877			0.121		519.987				0.128		516.671	23
24			0.0		525.531			0.107		522.770			0.119		519.868				0.128		516.543	24
25			0.0		525.531			0.105		522.665			0.139		519.729				0.102		516.441	25
26			0.077		525.494			0.051		522.614			0.068		519.661				0.073		516.366	26
27			0.077		525.377			0.101		522.513			0.108		519.593				0.098		516.268	27
28			0.077		525.300			0.100		522.413			0.041		519.512				0.108		516.160	28
29			0.078		525.222			0.078		522.322			0.079		519.433				0.140		516.020	29
30			0.078		525.144			0.038		522.235			0.094		519.395				0.115		515.905	30
31			0.078		525.066										519.302							31
TOTAL			1.725					2.653					3.112						3.396			TOTAL
FEBRUARY 1979																						
1			0.112		515.793			0.229		510.837			0.227		504.973							1
2			0.110		515.683			0.222		510.615			0.203		504.770							2
3			0.140		515.543			0.200		510.415			0.187		504.583							3
4			0.205		515.338			0.177		510.238			0.190		504.393							4
5			0.147		515.191			0.190		510.048			0.185		504.208							5
6			0.130		515.061			0.211		509.837			0.208		504.000							6
7			0.079		514.982			0.176		509.661			0.223		503.777							7
8			0.058		514.948			0.219		509.442			0.249		503.528							8
9			0.126		514.728			0.220		509.222			0.226		503.290							9
10			0.154		514.644			0.235		508.987			0.251		502.979							10
11			0.172		514.472			0.265		508.722			0.214		502.765							11
12			0.209		514.263			0.216		508.506			0.0									12
13			0.224		514.039			0.182		508.324			502.765									13
14			0.229		513.810			0.170		508.154												14
15			0.189		513.621			0.165		507.989												15
16			0.158		513.463			0.175		507.814												16
17			0.181		513.292			0.139		507.675												17
18			0.168		513.114			0.179		507.496												18
19			0.171		512.943			0.182		507.314												19
20			0.167		512.776			0.185		507.129									0.217		506.000	20
21			0.123		512.653			0.202		506.927									0.191		505.394	21
22			0.120		512.533			0.172		506.755									0.281		505.113	22
23			0.126		512.407			0.182		506.573									0.368		504.745	23
24			0.169		512.238			0.209		506.394									0.362		504.383	24
25			0.175		512.063			0.203		506.161									0.180		504.203	25
26			0.187		511.876			0.179		505.982									0.088		505.113	26
27			0.157		511.719			0.195		505.784									0.172		504.943	27
28			0.142		511.577			0.201		505.583									0.171		504.772	28
29			0.156		511.421			0.186		505.397									0.170		504.602	29
30			0.177		511.244			0.197		505.200									0.251		504.351	30
31			0.178		511.066														0.249		504.102	31
TOTAL			4.839					5.866					502.765	2.435				2.898	+526.000			TOTAL
MAY 1979																						
1			0.112		515.793			0.229		510.837			0.227		504.973							1
2			0.110		515.683			0.222		510.615			0.203		504.770							2
3			0.140		515.543			0.200		510.415			0.187		504.583							3
4			0.205		515.338			0.177		510.238			0.190		504.393							4
5			0.147		515.191			0.190		510.048			0.185		504.208							5
6			0.130		515.061			0.211		509.837			0.208		504.000							6
7			0.079		514.982			0.176		509.661			0.223		503.777							7
8			0.058		514.948			0.219		509.442			0.249		503.528							8
9			0.126		514.728			0.220		509.222			0.226		503.290							9
10			0.154		514.644			0.235		508.987			0.251		502.979							10
11			0.172		514.472			0.265		508.722			0.214		502.765							11
12			0.209		514.263			0.216		508.506			0.0									12
13			0.224		514.039			0.182		508.324			502.765									13
14			0.229		513.810			0.170		508.154												14
15			0.189		513.621			0.165		507.989												15
16			0.158		513.463			0.175		507.814												16
17			0.181		513.292			0.139		507.675												17
18			0.168		513.114			0.179		507.496												

Table C-7 (Cont'd)

TULARE IRRIGATION DISTRICT  
TRANSFERRED FROM HAWKEE DITCH

DAY	MARCH 1980					APRIL 1980					MAY 1980					JUNE 1980					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1			0.027		518.096			0.189		509.346			0.068		505.804			0.153		501.578	1
2			0.061		512.055			0.131		509.415			0.174		505.650			0.149		501.429	2
3			0.028		512.027			0.133		509.282			0.144		505.536			0.146		501.283	3
4			0.056		511.971			0.050		509.232			0.205		505.331			0.150		501.133	4
5			0.028		511.943			0.016		509.216			0.175		505.156			0.148		500.985	5
6			0.027		511.916			0.116		509.100			0.147		505.009			0.139		500.846	6
7			0.082		511.834			0.099		509.001			0.145		504.864			0.160		500.686	7
8			0.096		511.738			0.130		508.871			0.157		504.697			0.165		500.521	8
9			0.097		511.641			0.147		508.754			0.028		504.573			0.170		500.351	9
10			0.041		511.600			0.130		508.594			0.094		504.579			0.168		500.183	10
11			0.070		511.530			0.162		508.432			0.094		504.485			0.167		500.016	11
12			0.055		511.475			0.194		508.238			0.106		504.379			0.138		499.878	12
13			0.069		511.406			0.193		508.045			0.107		504.272			0.145		499.733	13
14			0.069		511.337			0.141		507.908			0.083		504.189			0.167		499.566	14
15			0.069		511.268			0.142		507.760			0.144		504.045			0.189		499.377	15
16			0.096		511.172			0.188		507.572			0.155		503.890			0.182		499.195	16
17			0.069		511.103			0.202		507.370			0.200		503.690			0.182		499.013	17
18			0.055		511.048			0.170		507.200			0.209		503.461			0.172		498.841	18
19			0.097		510.951			0.186		507.014			0.245		503.216			0.184		498.657	19
20			0.125		510.826			0.124		506.890			0.215		503.001			0.146		498.511	20
21			0.056		510.770			0.140		506.750			0.147		502.854			0.165	498.194 <sup>c</sup>	498.346	21
22			0.113		510.657			0.080		506.670			0.133		502.721			0.151		0.0	22
23			0.129		510.528			0.064		506.606			0.101		502.620						23
24			0.146		510.382			0.095		506.511			0.080		502.540						24
25			0.015		510.367			0.125		506.386			0.137		502.403						25
26			0.061		510.306			0.136		506.250			0.134		502.269						26
27			0.093		510.213			0.147		506.103			0.131		502.138						27
28			0.109		510.104			0.071		506.032			0.073		502.065						28
29			0.142		509.962			0.014		506.018			0.090		501.975						29
30			0.159		509.803			0.096		505.922			0.123		501.852						30
31			0.128		509.675								0.121		501.731						31
TOTAL			2.448					3.753					4.191					3.536	498.194		TOTAL
DAY	FOOTNOTES																				DAY
1	a Released toutchama Ditch Company for transfer.																				1
2	b Released for diversion in Crocker Cut.																				2
3	c Storage adjusted to maximum allowable. See Tulare Irrigation District from Crocker Cut.																				3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL





Table C-8 (Cont'd)

TIHARI IRRIGATION DISTRICT  
FROM CROCKER CUT

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
JULY 1978																						AUGUST 1978																						SEPTEMBER 1978																						FEBRUARY 1979																					
1			5.772		17275.307	585.6	3.183			5732.539												1																																																																	
2			5.459		17269.849	587.3	2.998			5141.751												2																																																																	
3			5.958		17263.890	624.8	2.701			4514.480												3																																																																	
4			5.939		17257.951	624.8	1.684			3887.796												4																																																																	
5			5.919		17252.032	532.0	2.175			3353.621												5																																																																	
6			6.435		17245.597	476.0	2.449			2875.172	352.9		0.129		352.771							6																																																																	
7			6.984		17238.613	538.2	1.650			2335.382	158.7		0.222		511.249							7																																																																	
8			6.999		17231.624	573.2	0.965			1759.157	6.0		0.227		516.982							8																																																																	
9		0.0	7.826		17223.828	600.2	0.710			1158.847	0.0		0.267		516.725							9																																																																	
10		142.8	7.516		17073.492	614.9	0.372			542.575	0.0		0.224		516.494							10																																																																	
11		350.4	6.134		16716.338								0.225		516.866							11																																																																	
12		455.8	5.724		16225.414	543.0							0.272		532.928							12																																																																	
13		454.8	6.699		15793.915								0.228		515.766							13																																																																	
14		427.1	6.101		15360.714								0.227		515.539							14																																																																	
15		217.0	6.073		15137.641								0.317		515.222							15																																																																	
16		117.1	6.339		15014.202								0.350		514.862							16																																																																	
17		269.1	6.797		14797.305								0.315		514.947							17																																																																	
18		483.4	6.928		14247.977								0.270	-514.277	0.0							18																																																																	
19		564.0	6.089		13677.859																	19																																																																	
20		615.0	6.649		13056.239																0.0	20																																																																	
21		614.6	5.349		12406.290																	21																																																																	
22		614.6	5.399		11756.291																	22																																																																	
23		614.6	6.045		11105.646																	23																																																																	
24		614.6	5.032		10456.014																	24																																																																	
25		614.6	2.708		9808.706																	25																																																																	
26		686.2	3.893		9178.613																	26																																																																	
27		633.6	3.905		8541.108																	27																																																																	
28		614.6	3.727		7892.761																	28																																																																	
29		570.4	3.236		7319.145																	29																																																																	
30		525.6	3.397		6790.148																	30																																																																	
31		595.6	3.226		6261.322																	31																																																																	
TOTAL	10845.5	174.257				6242.5	18.847				517.6		3.323	-514.277		4.2						TOTAL																																																																	
MARCH 1979																						APRIL 1979																						MAY 1979																						JUNE 1979																					
1		0.0		4.200	0.020	194.360	169.6	0.235		1080.017					265.4	4.255					9493.540	1																																																																	
2		0.001		4.200	0.047	194.313	134.4	0.260		1214.157					365.1	3.962					9224.478	2																																																																	
3		0.001		4.199	0.046	194.267	146.1	0.370		1359.887					18.1	3.561					9026.817	3																																																																	
4		0.001		4.198	0.051	194.216	203.1	0.466		1564.521					167.4	3.217					8827.000	4																																																																	
5		0.001		4.197	0.050	194.166	228.7	0.510		1790.711						3.522					8637.578	5																																																																	
6		0.001		4.196	0.025	194.144	197.9	0.503		1988.108					22.7	3.898					8410.990	6																																																																	
7		0.001		4.195	0.036	194.105	163.7	0.389		2151.479					155.2	3.193					8252.597	7																																																																	
8		0.001		4.194	0.047	194.058	106.4	0.255		2257.624					172.6	3.904					8076.093	8																																																																	
9		0.001		4.193	0.035	194.023	50.1	0.563		2307.161					208.1	3.834					8070.199	9																																																																	
10		0.001		4.192	0.040	193.983	15.1	0.694		2321.567					260.9	3.977					8665.282	10																																																																	
11		0.001		4.191	0.094	193.949	12.6	0.782		2333.385					324.9	4.314					8276.068	11																																																																	
12		0.001		4.190	0.033	193.916	58.8	0.971		2391.214					432.8	3.333					7839.935	12																																																																	
13		0.001		4.189	0.044	193.872	142.8	1.105		2532.909					498.0	2.630					7343.505	13																																																																	
14		0.0		4.189	0.054	193.818	229.4	1.232		2617.077					522.3	2.278					6818.727	14																																																																	
15		0.001		4.188	0.061	203.657	333.1	1.136		3093.041					535.5	2.042					6281.185	15																																																																	
16		0.0		4.188	0.058	219.499	389.4	1.073		3481.368					535.7	1.976					5743.509	16																																																																	
17		0.0		4.188	0.042	229.157	396.8	1.365		3876.803					535.7	1.422					5205.387	17																																																																	
18		0.001		4.187	0.048	231.309	399.3	1.398		4274.705					494.3	1.664					4712.423	18																																																																	
19		0.0		4.187	0.053	231.266	456.6	1.580		4709.725					466.2	1.390					4244.703	19																																																																	
20		0.001		4.186	0.059	231.197	511.1	1.703		5239.122					404.2	1.402					3839.101	20																																																																	
21		0.001		4.185	0.059	231.138	534.9	1.386		5772.636					367.0	1.282					3470.719	21																																																																	
22		0.001		4.184	0.058	231.080	589.2	1.481		6300.355					366.9	1.052					3102.787	22																																																																	
23		0.001		4.183	0.061	243.419	488.3	1.670		6786.985					366.9	0.982					2778.885	23																																																																	
24		0.001		4.182	0.071	250.748	423.6	2.372		7208.233					337.6	1.073					2596.212	24																																																																	
25		0.001		4.181	0.050	254.358	396.7	2.593		7602.420					96.2	1.000					2299.016	25																																																																	
26		0.001		4.180	0.043	258.755	400.5	2.929		7999.891					173.6	0.823					2234.593	26																																																																	
27		38.6	0.009	42.771	0.050	420.675	437.5	1.582		8434.809					133.9	0.859					2189.834	27																																																																	
28		131.5	0.012	116.259	0.121	577.794	419.9	2.453		8852.256					94.2	0.632					2094.622	28																																																																	
29		48.2	0.030	194.429	0.201	739.953	396.7	2.821		9246.135					29.8	0.758					2064.244	29																																																																	
30		0.0	0.014	194.415	0.202	910.651	383.2	3.341		9625.994					0.0	0.805					2063.439	30																																																																	
31		0.035		194.350		1104.6		3.599		9763.195												2063.439	31																																																																
TOTAL	190.3	0.120			718.1	1.829		43.556		8896.1					341.5	7971.8					69.460	TOTAL																																																																	
JULY 1979																						JUNE 1980																						JULY 1980																						AUGUST 1980																					
1		49.6	0.906	2012.933						39285.000					18.6	5.711					10302.687	1																																																																	
2		108.3	0.766	1903.867						39285.000					0.0	6.017					10296.670	2																																																																	
3		209.7	0.629	1693.538						39285.000					0.0	5.715					10290.955	3																																																																	
4		860.0	0.540	1432.998						39285.000					24.8	5.205					2760.950	4																																																																	
5		311.3	0.411	1121.287						39285.000					70.7	1.396					2688.854	5																																																																	
6		361.4	0.314	759.573						39285.000					255.4	13.234	-1000.0 <sup>f</sup>				3704.366	6																																																																	
7		372.9	0.171	366.502						39285.000					258.7	12.865	-1000.0 <sup>f</sup>				3674.801	7																																																																	
8		372.4	0.007	13.595						39285.000					174.8	12.873	-1000.0 <sup>f</sup>				2657.128	8																																																																	
9		13.6	0.0	0.0						39285.000					197.2	8.593	-1000.0 <sup>f</sup>				2531.335	9																																																																	
10		0.0								39285.000					207.1	8.599	-1000.0 <sup>f</sup>				2513.636	10																																																																	
11										39285.000					211.3	9.272					2491.064	11																																																																	
12																																																																																							



Table C-8 (Cont'd)

TULARE IRRIGATION DISTRICT  
FROM CROCKER CUT

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
SEPTEMBER 1980																					
FOOTNOTES																					
1		0.0	1.286		1763.113	a Released to Wutchuma Ditch Company for transfer.															1
2		49.6	1.281		1712.274	b Released because Terminus Reservoir above allowable storage.															2
3		116.6	1.202	+225.0	1819.471	c Transferred to Lakeside Ditch Company.															3
4		200.9	1.333		1617.216	d Storage adjusted to maximum allowable.															4
5		275.3	1.027		1340.889	e Transferred to Tulare Irrigation District from St. Johns River.															5
6		297.6	0.895		1042.394	f Transferred to Tulare Irrigation District from Packwood Creek.															6
7		297.6	0.405	+1269.0	2013.299	g 211,483 acre-feet released for diversion in Packwood Creek.															7
8		281.8	1.244		1770.257	h Transferred from Sentinel Suite Mutual Water Company.															8
9		282.7	0.989	+2102.7	3589.304	i Transferred from Sweeney Ditch.															9
10		327.4	0.498		3259.412	j Transferred from Tulare Irrigation Company.															10
11		354.6	3.151		2892.661	k Transferred from other Tulare Irrigation District Units.															11
12		386.9	1.842		2503.919	l Released for diversion in Wutchuma Ditch.															12
13		386.9	1.730		2115.289																13
14		386.9	1.232		1727.137																14
15		386.9	0.772		1339.489																15
16		386.9	0.628		951.997																16
17		182.4	0.635		759.022																17
18		59.5	0.607		708.915																18
19		59.5	0.286		649.129																19
20		59.5	0.447		589.182																20
21		59.5	0.415		529.267																21
22		59.5	0.380		469.287																22
23		59.5	0.359		409.468																23
24		59.5	0.328		349.260																24
25		29.8	0.297		307.163																25
26		0.0	0.297		306.866																26
27			0.296		306.570																27
28			0.197		306.373																28
29			0.250		306.123																29
30			0.328		305.921																30
31																					31
TOTAL	5089.6	25.655	+3596.7																		TOTAL
SEPTEMBER 1980																					
FOOTNOTES																					
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-9

TULARE IRRIGATION DISTRICT  
FROM PACIFICWOOD CANAL

DAY	DECEMBER 1977					JUNE 1978					JULY 1978					AUGUST 1978					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16	0.0		0.0		0.0																	
17	22.6		0.004		22.596																	
18	13.5		0.006		36.090																	
19	0.0		0.005		36.085																	
20			0.005		36.080																	
21			0.005		36.075																	
22			0.010		36.065																	
23			0.005		36.060																	
24			0.010		36.050																	
25			0.005		36.045																	
26			0.0		36.045																	
27	79.4		0.011	-115.434	0.0	0.0	0.0	0.0	0.0	598.000	426.6	3.010	7097.068	6710.300	2.865	0.0	0.0	2.432	3906.017	3906.017	31	
28					55.8	1.472				139.7	394.98	2.078	7526.678	6710.300	2.865	0.0	0.0	2.865	3906.017	3906.017	30	
29					140.1	1.592				5450.836	131.2	2.754	6222.642	6710.300	2.865	0.0	71.9	3.164	3827.077	3827.077	29	
30					169.4	1.720				5618.516	6.0	3.111	6218.531	6710.300	2.865	115.0	2.929	3.164	3709.148	3709.148	28	
31											47.1	3.178	6168.253	6710.300	2.865	115.0	3.113	3.113	3591.035	3591.035	27	
TOTAL	325.5		0.066	-115.434		365.3	4.784			2519.3	1874.964	94.581				64.5	2032.6	92.118	-518.0		TOTAL	
DAY	SEPTEMBER 1978					FEBRUARY 1979					MARCH 1979					APRIL 1979					DAY	
1			710.3	2.766	2877.969																	
2			654.5	2.650	2220.819																	
3	0.0		685.7	1.501	1533.618																	
4	13.6		691.9	0.0	895.318																	
5	139.6		44.6	0.0	950.318																	
6	132.2	0.0	0.395		1082.123																	
7	61.8		0.498		1143.425																	
8	22.8		0.603		1165.622																	
9	3.0		0.604		1168.018																	
10	0.0		0.506		1167.512																	
11			0.508		1167.004																	
12			0.614		1166.390																	
13			0.516		1165.874																	
14			0.514		1165.360																	
15			0.716		1164.644																	
16			0.814		1163.830																	
17			0.711		1163.119																	
18			0.611	-1162.508	0.0																	
19																						
20																						
21						11.3	0.001		11.299													
22						0.0	0.004		18.093													
23						0.0	0.004		18.069													
24						0.0	0.004		18.065													
25							0.002		18.083													
26							0.003		18.080													
27							0.003		18.077													
28							0.0		0.0													
29									49.3													
30									28.4													
31									9.8													
TOTAL	373.0	2787.0	14.527	-1162.508		18.1	0.023		0.726							296.0		2.134			TOTAL	
DAY	MAY 1979					JUNE 1979					JULY 1979					JULY 1980					DAY	
1	69.4		0.147		675.110		2.540		5687.888		2.993		6492.400									
2	19.3		0.149		694.261		2.499		5756.029		2.610		6489.880									
3	31.0		0.197		725.064		2.286		5844.543		2.408		6487.472									
4	107.9		0.248		832.716		2.064		5947.175		2.446		6485.065									
5	144.1		0.278		976.538		2.267		6075.812		2.374		6482.652									
6	103.9		0.273		1080.165	153.0	2.572		6286.240		2.677		6479.975	0.0								
7	54.5		0.174		1134.491	131.7	2.193		6355.747		2.864		6477.111	140.1								
8	14.2		0.130		1149.261	84.5	2.769		6437.478		3.200		6475.911	229.2								
9	0.0		0.280		1148.981	38.9	2.798		6473.580		3.826		6475.085	192.0								
10			0.344		1148.637	25.5	3.003		6496.077		3.229		6466.896	168.9								
11			0.385		1148.252	26.5	3.398		6519.179		2.748		6464.109	155.5								
12			0.466		1147.786	15.9	2.777		6522.302		3.277		6460.831	136.9								
13			0.522		1147.664	4.9	2.740		6534.862		3.676		6457.155	106.8								
14			0.590		1147.274	0.7	2.183		6533.379		3.797		6453.358	82.6								
15			0.554		1146.720	0.0	2.123		6531.256		4.240		6449.118	68.7								
16			0.533		1146.187																	

Table C-9 (Cont'd)

TULARE IRRIGATION DISTRICT  
FROM PACIFIC CANAL

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
AUGUST 1980																					
FOOTNOTES																					
1					1924.533																1
2					1921.409																2
3					1922.342																3
4					1921.367																4
5					1920.370																5
6					1919.348																6
7					1918.340																7
8					1917.304																8
9					1916.161																9
10					1914.958																10
11					1913.851																11
12					1912.724																12
13					1911.611																13
14					1910.713																14
15					1909.937																15
16					1909.036																16
17					1908.059																17
18					1907.120																18
19					1906.334																19
20					0.0																20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL			20.294	-1905.3																	TOTAL
FOOTNOTES																					
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL



Table C-10 (Cont'd)

TULARE IRRIGATION DISTRICT  
FROM ST. JOHN'S DAM

DAY	AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY						
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1		189.7	4,784		8630.400			0.225		104.072												1
2		55.8	5,008		8569.682			0.245		123.817												2
3		0.0	4,756		8564.926			0.244		121.493												3
4			4,382		8560.584			0.271		121.322												4
5			4,443		8556.141			0.247		121.074												5
6			4,552		8551.589			0.277		122.798												6
7			4,490		8547.099			0.214		122.54												7
8			4,515		8542.484			0.226		122.348												8
9			5,091		8537.393			0.214	+322.1	0.0												9
10			5,182		8532.211																	10
11			5,111		8527.100																	11
12			5,022		8522.078																	12
13			4,960		8517.118																	13
14			4,003		8513.115																	14
15			3,456		8509.659																	15
16			4,017		8505.642																	16
17			4,355		8501.287																	17
18			4,183		8497.104																	18
19			3,701		8493.603																	19
20			4,578	-8162.6	8489.427																	20
21			0,169		8485.258																	21
22			0,151		8481.107																	22
23			0,174		8476.933																	23
24			0,209		8472.724																	24
25			0,213		8468.511																	25
26			0,187		8464.324																	26
27			0,196		8460.128																	27
28			0,219		8455.909																	28
29			0,193		8451.710																	29
30			0,190		8447.526																	30
31			0,229		8443.297																	31
TOTAL		243.5	38,579	-8162.6				2,193	+322.1													TOTAL
DAY																						DAY
1																						1
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9																						9
10																						10
11																						11
12																						12
13																						13
14																						14
15																						15
16																						16
17																						17
18																						18
19																						19
20																						20
21																						21
22																						22
23																						23
24																						24
25																						25
26																						26
27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL																						TOTAL

Table C-11

TULARE IRRIGATION DISTRICT  
FROM DEEP CREEK

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
SEPTEMBER 1976																						OCTOBER 1976																						NOVEMBER 1976																						DECEMBER 1976																					
1								0.023		96.941					97.264				0.034		96.288	1																																																																	
2								0.033		96.908					97.208				0.038		96.293	2																																																																	
3								0.032		96.876					97.137				0.034		96.292	3																																																																	
4								0.042		96.834					97.103				0.034		96.188	4																																																																	
5								0.052		96.782					97.035				0.034		96.154	5																																																																	
6																						6																																																																	
7								0.055		96.727					96.927				0.034		96.120	7																																																																	
8								0.077		96.650					96.837				0.034		96.086	8																																																																	
9								0.065		96.585					96.804				0.034		96.052	9																																																																	
10	0.0							0.075		96.510					96.731				0.034		96.018	10																																																																	
11	62.6	0.039			62.561			0.063		96.372					96.680				0.034		95.967	11																																																																	
12	37.6	0.058			100.103			0.063		96.309					96.680				0.034		95.933	12																																																																	
13	0.0	0.071			100.032			0.073		96.236					96.663				0.034		95.899	13																																																																	
14		0.069			99.963			0.062		96.174					96.646				0.033		95.866	14																																																																	
15		0.069			99.894			0.062		96.112					96.629				0.033		95.833	15																																																																	
16		0.068			99.826			0.052		96.060					96.594				0.030		95.783	16																																																																	
17		0.068			99.758			0.062		97.998					96.577				0.030		95.733	17																																																																	
18		0.081			99.677			0.061		97.937					96.560				0.033		95.700	18																																																																	
19		0.068			99.609			0.061		97.876					96.543				0.033		95.667	19																																																																	
20		0.041			99.568			0.031		97.825					96.526				0.033		95.634	20																																																																	
21		0.067			99.501			0.062		97.763					96.509				0.017		95.617	21																																																																	
22		0.067			99.434			0.052		97.711					96.509				0.033		95.584	22																																																																	
23		0.093			99.341			0.032		97.679					96.492				0.017		95.567	23																																																																	
24		0.063			99.261			0.032		97.647					96.475				0.033		95.534	24																																																																	
25		0.079			99.182			0.033		97.614					96.458				0.033		95.501	25																																																																	
26		0.053			99.129			0.034		97.580					96.441				0.017		95.484	26																																																																	
27		0.052			99.064			0.060		97.500					96.424				0.033		95.451	27																																																																	
28		0.013			98.999			0.052		97.406					96.390				0.033		95.385	28																																																																	
29		0.035			98.964			0.054		97.352					96.372				0.034		95.368	29																																																																	
30								0.043		97.309									0.016		95.352	30																																																																	
31																						31																																																																	
TOTAL	100.2		1.236					1.655						0.987					0.970			TOTAL																																																																	
JANUARY 1977																						FEBRUARY 1977																						MARCH 1977																						APRIL 1977																					
1		0.016			95.136			0.015		94.906				0.024		94.109			0.038		93.043	1																																																																	
2		0.033			95.303			0.015		94.891				0.035		94.074			0.047		92.996	2																																																																	
3		0.016			95.287			0.029		94.866				0.038		94.039			0.047		92.949	3																																																																	
4		0.016			95.271			0.029		94.833				0.035		94.004			0.056		92.893	4																																																																	
5		0.016			95.255			0.029		94.804				0.035		93.969			0.055		92.836	5																																																																	
6		0.016			95.239			0.014		94.790				0.058		93.911			0.064		92.774	6																																																																	
7		0.016			95.223			0.029		94.761				0.046		93.865			0.062		92.712	7																																																																	
8		0.016			95.207			0.028		94.733				0.034		93.811			0.043		92.669	8																																																																	
9		0.016			95.191			0.014		94.719				0.031		93.800			0.025		92.644	9																																																																	
10		0.016			95.191			0.028		94.691				0.033		93.787			0.042		92.622	10																																																																	
11		0.015			95.176			0.028		94.663				0.033		93.754			0.049		92.553	11																																																																	
12		0.015			95.161			0.027		94.636				0.033		93.721			0.056		92.497	12																																																																	
13		0.015			95.146			0.027		94.609				0.033		93.688			0.047		92.450	13																																																																	
14		0.0			95.146			0.041		94.568				0.033		93.655			0.054		92.396	14																																																																	
15		0.0			95.146			0.040		94.528				0.032		93.623			0.061		92.335	15																																																																	
16		0.015			95.131			0.040		94.488				0.031		93.612			0.051		92.284	16																																																																	
17		0.015			95.116			0.040		94.448				0.032		93.580			0.050		92.234	17																																																																	
18		0.015			95.101			0.053		94.395				0.021		93.549			0.055		92.179	18																																																																	
19		0.015			95.086			0.053		94.342				0.031		93.528			0.061		92.118	19																																																																	
20		0.015			95.071			0.026		94.316				0.031		93.497			0.067		92.051	20																																																																	
21		0.015			95.056			0.0		94.316				0.041		93.456			0.059		92.002	21																																																																	
22		0.015			95.041			0.025		94.291				0.051		93.405			0.052		91.940	22																																																																	
23		0.015			95.026			0.013		94.278				0.041		93.364			0.064		91.876	23																																																																	
24		0.015			95.011			0.012		94.266				0.030		93.334			0.044		91.822	24																																																																	
25		0.0			95.011			0.037		94.229				0.010		93.324			0.050		91.782	25																																																																	
26		0.015			94.996			0.036		94.193				0.040		93.284			0.037		91.745	26																																																																	
27		0.015			94.981			0.024		94.169				0.039		93.235			0.042		91.703	27																																																																	
28		0.015			94.966			0.036		94.133				0.059		93.196			0.048		91.655	28																																																																	
29		0.015			94.951									0.048		93.148			0.041		91.614	29																																																																	
30		0.015			94.936									0.029		93.119			0.017		91.577	30																																																																	
31		0.015			94.921									0.038		93.081						31																																																																	
TOTAL		0.431						0.788						1.052					1.484			TOTAL																																																																	
MAY 1977																						JUNE 1977																						JULY 1977																						AUGUST 1977																					
1		0.034			91.563			0.058		90.474				0.056		89.103						1																																																																	
2		0.034			91.529			0.046		90.428				0.064		89.039						2																																																																	
3		0.044			91.485			0.053		90.375				0.061		88.978						3																																																																	
4		0.044			91.441			0.055		90.320				0.055		88.923						4																																																																	
5		0.038			91.403			0.044		90.276				0.056		88.867						5																																																																	
6																						6																																																																	
7		0.032			91.371			0.047		90.229				0.060		88.807						7																																																																	
8		0.021			91.350			0.056		90.173				0.068		88.739						8																																																																	
9		0.011			91.339			0.036		90.137				0.062		88.677						9																																																																	
10		0.011			91.328			0.010		90.127				0.067		88.610						10																																																																	
11		0.021			91.307			0.025		90.102				0.014		19.326						11																																																																	
12		0.015			91.292			0.037		90.065				0.0		0.0						12																																																																	
13		0.020			91.272			0.040		90.025												13																																																																	
14		0.010			91.262			0.040		89.985												14																																																																	
15		0.025			91.237			0.040		89.945												15																																																																	
16		0.044			91.193			0.045		89.900																																																																													







Table C-13

TULARI IRRIGATION DISTRICT  
FROM CYP EXCHANGE (LOWER KANZAS)

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	JULY 1978					AUGUST 1978					SEPTEMBER 1978					DAY					
						IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE						
1						389.8	0.160			478.395					1.705	3070.571					0.303				315.885	1
2						565.9	0.330			1043.965					1.766	3068.805					0.376				314.909	2
3						662.8	0.589			1705.576					1.835	3066.970					0.308				314.601	3
4						648.5	0.810			2353.866					1.308	3065.642					0.0				314.601	4
5						411.7	0.988			2764.018					1.987	3063.655					0.0				314.601	5
6						137.7	1.090			2990.628					2.607	3061.048					0.115				314.486	6
7						89.3	1.219			3008.709					2.161	3058.887					0.137				314.349	7
8						78.1	1.233			3085.556					1.676	3057.211					0.163				314.186	8
9						18.1	1.406			3102.250					1.874	3055.337					0.162				314.024	9
10						0.0	1.365			3100.885					2.093	3053.244					0.136				313.888	10
11							1.141			3099.744					1.759	3051.485					0.137				313.751	11
12							1.021			3098.653					1.877	3049.608					0.165				313.586	12
13							1.314			3097.139					2.001	3047.607					0.139				313.447	13
14							1.230			3096.109					1.996	3045.611					0.136				313.309	14
15							1.242			3094.867					2.296	3043.315					0.192				313.117	15
16							1.306			3093.561					2.295	3041.020					0.219				312.898	16
17							1.428			3092.133					2.475	3038.545					0.191				312.707	17
18							1.503			3090.630					2.054	3036.491					0.164	-312.543			0.0	18
19							1.375			3089.455					2.174	3034.317										19
20							1.572			3087.683					2.461	3031.856										20
21										3086.358					2.128	3029.728										21
22							1.321			3084.935					2.006	3027.722										22
23							1.417			3083.495					1.874	3025.848										23
24							1.678			3081.927					1.737	3024.111										24
25							1.483			3081.774					2.084	3022.027										25
26							0.851			3080.923																26
27							1.306			3079.617			0.0		1.880	3020.147										27
28							1.407			3078.210			334.694		1.968	2683.485										28
29							1.453			3076.757			399.5		1.761	2282.424										29
30							1.360			3075.397			406.7		1.549	1874.175										30
31		148.8		0.0	148.755		1.538			3073.859			716.7		0.913	1156.562										31
TOTAL	148.8		0.045			2961.3	37.779						2698.094	58.594							3.045	-312.543				TOTAL
DAY	FOOTNOTES																									DAY
1	• Transferred to Lakeside Ditch Company.																									1
2																										2
3																										3
4																										4
5																										5
6																										6
7																										7
8																										8
9																										9
10																										10
11																										11
12																										12
13																										13
14																										14
15																										15
16																										16
17																										17
18																										18
19																										19
20																										20
21																										21
22																										22
23																										23
24																										24
25																										25
26																										26
27																										27
28																										28
29																										29
30																										30
31																										31
TOTAL																										TOTAL

Table C-14

TULARE IRRIGATION DISTRICT  
FROM CVP EXCHANGE (ST. JOHNS)

DAY	JULY 1978					AUGUST 1978					SEPTEMBER 1978					FOOTNOTES					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1								0.081		146,126					1374,348	a	Diverted in Tulare Irrigation District Canal.				1	
2								0.084		146,042					1297,847	b	Transferred to Lakeside Ditch Company.				2	
3								0.087		145,955					1141,729						3	
4								0.063		145,892					1031,629							4
5								0.095		145,797					1031,629							5
6								0.124		145,673					1031,252							6
7	0.0		0.0		0.0			0.103		145,570					1030,803							7
8	21.6		0.009		21,591			0.160		145,490					1030,270							8
9	37.5		0.027		58,764			0.089		145,401					1029,737							9
10	24.8		0.037		83,527			0.100		145,301					1029,291							10
11			0.031		83,496	0.0		0.084		145,217					1028,843							11
12	0.0		0.029		83,467	74.4		0.135		219,482					1028,302							12
13			0.035		83,432	119.0		0.222		338,260					1027,847							13
14			0.033		83,399	162.4		0.328		500,332					1027,394							14
15			0.033		83,366	79.7		0.431		570,601					1026,763							15
16			0.035		83,331	0.0		0.370		570,231					1026,045							16
17			0.038		83,293	0.0		0.464		969,767					1025,418							17
18			0.040		83,253	132.7		0.475		701,992				1024,88 <sup>b</sup>	0.0							18
19			0.037		83,216	146.3		0.507		847,685												19
20			0.042		83,174	119.8		0.785		966,700												20
21			0.036		83,138	119.0		0.762		1084,938												21
22			0.038		83,100	119.0		0.797		1203,141												22
23			0.045		83,055	47.1		0.774		1249,467												23
24			0.040		83,015	4.0		0.719		1252,748												24
25			0.023		82,992	4.0		0.866		1255,882												25
26			0.025		82,957	66.0		0.822		1321,060												26
27			0.038		82,919	103.1		1.044		1423,116												27
28			0.039		82,880	59.8		1.143		1481,773												28
29	0.0		0.037		82,843	12.6		1.234		1493,139												29
30	19.7		0.061		122,462	0.0		1.178		1481,961												30
31	23.8		0.075		146,207	0.0		1.592		1490,669												31
TOTAL	147.1		0.893			1359.9		15.438				455.1 <sup>a</sup>	10.689	1024.88 <sup>b</sup>							TOTAL	
DAY																					DAY	
1																					1	
2																					2	
3																					3	
4																					4	
5																					5	
6																					6	
7																					7	
8																					8	
9																					9	
10																					10	
11																					11	
12																					12	
13																					13	
14																					14	
15																					15	
16																					16	
17																					17	
18																					18	
19																					19	
20																					20	
21																					21	
22																					22	
23																					23	
24																					24	
25																					25	
26																					26	
27																					27	
28																					28	
29																					29	
30																					30	
31																					31	
TOTAL																					TOTAL	





Table C-16

TULARE IRRIGATION DISTRICT  
FROM EVANS CULCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
MAY 1979						JUNE 1979															
1										398.095											1
2										397.952											2
3										397.766											3
4										397.628											4
5										397.480											5
6										0.164					397.316						6
7										0.137					397.179						7
8										0.171					397.008						8
9										0.172					396.836						9
10										0.183					396.653						10
11										0.207					396.446						11
12										0.168					396.278						12
13										0.142					396.136						13
14										0.130					396.004						14
15										0.129					395.875						15
16										0.136					395.739						16
17										0.108					395.631						17
18			0.131	400.0	399.869					0.140					395.491						18
19			0.134		399.735					0.142					395.349						19
20			0.130		399.605					0.144					395.205						20
21			0.096		399.509					0.157					395.048						21
22			0.094		399.415					0.134					394.914						22
23			0.098		399.317					0.142					394.772						23
24			0.131		399.186		229.3*			0.068					0.0						24
25			0.136		399.050		165.404*			0.0											25
26			0.146		398.904																26
27			0.122		398.782																27
28			0.110		398.672																28
29			0.122		398.550																29
30			0.138		398.412																30
31			0.139		398.273																31
TOTAL			1.727	400.0			394.704	3.569													TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-17

TULARE IRRIGATOR COMPANY  
FROM LOWER KAWAH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
MAY 1976																					
1	0.0		0.0		0.0			0.107		243,148								0.049		23,424	1
2	5.7		0.002		5,698			0.093		243,055								0.071		23,353	2
3	3.4		0.004		9,094			0.099		242,956								0.069		23,284	3
4	0.0		0.004		9,090			0.112		242,844								0.090		23,194	4
5			0.003		9,087			0.106		242,738								0.112		23,082	5
6			0.003		9,084			0.099		242,639								0.119		22,963	6
7			0.004		9,080			0.086		242,553								0.165		22,798	7
8			0.005		9,075			0.073		242,480								0.140		22,658	8
9			0.004		9,073			0.081		242,399								0.162		22,496	9
10	0.0		0.004		9,067			0.041		242,358	0.0							0.161		22,335	10
11	4.5		0.005		13,562			0.084		242,274	95.1		0.059		95,041			0.137		22,198	11
12	42.6		0.034		56,128			0.106		242,168	97.0		0.111		191,930			0.136		22,062	12
13	64.9		0.078		120,950			0.115		242,053	24.0		0.132		215,778			0.158		21,904	13
14	65.5		0.111		186,339			0.139		241,924	0.0		0.150		215,668			0.135		21,765	14
15	39.7		0.117		224,922			0.163		241,793			0.147		215,466			0.134		21,630	15
16	15.7		0.122		240,500			0.154		241,597			0.148		215,333			0.131		21,528	16
17	4.3		0.115		244,685	0.0		0.134		241,463			0.137		215,186			0.133		21,391	17
18	0.0		0.090		244,387	64.5		0.114		176,849			0.176		215,010			0.132		21,254	18
19			0.097		244,490	102.7		0.039		74,110			0.146		214,864			0.132		21,127	19
20			0.096		244,394	74.110				0.0			0.088		214,776			0.110		21,017	20
21			0.102		244,292								0.145		214,631			0.133		21,084	21
22			0.087		244,209								0.144		214,487			0.112		21,072	22
23			0.100		244,109								0.201		214,286			0.068		21,074	23
24			0.093		244,012								0.172		214,114			0.069		21,038	24
25			0.106		243,906								0.173		213,943			0.071		21,064	25
26			0.126		243,790								0.113		213,830			0.074		21,030	26
27			0.138		243,642								0.141		213,689			0.129		21,036	27
28			0.103		243,539								0.133		213,576			0.134		21,027	28
29			0.102		243,437								0.088		213,548			0.112		21,015	29
30			0.088		243,349								0.075		213,473			0.117		209,998	30
31			0.094		243,255													0.092		209,906	31
TOTAL	245.3		2,045			241,310		1,945			216.1		2,687					3,567			TOTAL
MAY 1976																					
JUNE 1976																					
SEPTEMBER 1976																					
OCTOBER 1976																					
NOVEMBER 1976																					
DECEMBER 1976																					
JANUARY 1977																					
FEBRUARY 1977																					
MARCH 1977																					
APRIL 1977																					
MAY 1977																					
JUNE 1977																					
TOTAL																					

Table C-17 (Cont'd)

TULARE IRRIGATION COMPANY  
FROM LOWER KANAWH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
JULY 1977																						DECEMBER 1977																						JUNE 1978																						JULY 1978																					
1			0.128		203,561											78.1		1.186		3518,241	1																																																																		
2			0.145		203,416											57.5		1.139		3604,602	2																																																																		
3			0.139		203,277											41.9		1.298		3645,244	3																																																																		
4			0.126		203,151											39.7		1.268		3683,576	4																																																																		
5			0.138		203,023											39.7		1.277		3722,099	5																																																																		
6			0.130		202,885											39.7		1.403		3760,396	6																																																																		
7			0.157		202,728											39.7		1.539		3798,357	7																																																																		
8			0.143		202,585											39.7		1.559		3836,698	8																																																																		
9			0.154		202,431											39.7		1.736		3874,642	9																																																																		
10			0.148		202,283											39.7		1.722		3912,620	10																																																																		
11		56,674	0.108		145,502											39.7		1.454		3950,866	11																																																																		
12		86,900	0.047		58,554											39.7		1.405		3989,161	12																																																																		
13		58,554			0.0											39.7		1.708		4027,153	13																																																																		
14																14.9	0.0	1.615		4065,238	14																																																																		
15																14.9	42.2	1.619		4096,319	15																																																																		
16						0.0				0.0						0.0		1.675		3967,244	16																																																																		
17						15.6	0.005			15,597						67.4		1.798		3898,046	17																																																																		
18						9.4	0.004			24,993						67.4		1.862		3828,784	18																																																																		
19						0.0	0.004			24,989						67.4		1.674		3759,710	19																																																																		
20							0.004			24,985						69.9		1.878		3687,922	20																																																																		
21							0.004			24,981						70.2		1.559		3616,173	21																																																																		
22							0.007			24,974						70.2		1.890		3543,846	22																																																																		
23							0.003			24,971						80.6		1.631		3471,756	23																																																																		
24							0.007			24,964						74.9		0.915		3399,525	24																																																																		
25							0.003			24,961										3333,710	25																																																																		
26						0.0				24,961						67.4		1.376		3264,934	26																																																																		
27						74.4	0.0			-99.351						69.9		1.451		3173,583	27																																																																		
28						0.0				0.0						47.1		0.919		3086,035	28																																																																		
29										77.9						79.3		0.991		3007,830	29																																																																		
30																		1.063		2899,531	30																																																																		
31																				2801,249	31																																																																		
TOTAL	202,128 <sup>a</sup>		1.561			99.4		0.049	-99.351 <sup>b</sup>		204.3		2.973			629.1	1372.4		46,778		TOTAL																																																																		
AUGUST 1978																						SEPTEMBER 1978																						FEBRUARY 1979																						MARCH 1979																					
1	126.9	1.418			2758,933											5.7		0.016		86,682	1																																																																		
2	126.9	1.399			2424,636											3.4		0.016		90,066	2																																																																		
3	126.9	1.374			2296,362											0.0		0.024		90,042	3																																																																		
4	126.9	0.999			2168,553													0.023		90,039	4																																																																		
5	126.9	1.323			2040,300	55.8	0.0			55,800								0.023		89,996	5																																																																		
6	126.9	1.698			1911,772	130.2	0.058			185,932								0.022		89,974	6																																																																		
7	126.9	1.660			1783,612	81.8	0.116			163,616								0.020		89,946	7																																																																		
8	126.9	0.890			1623,522	22.3	0.150			289,766								0.093		111,113	8																																																																		
9	178.5	0.866			1444,136		0.150			289,616								0.044		155,769	9																																																																		
10	178.5	0.867			1264,769		0.125			289,491								0.058		213,711	10																																																																		
11	178.5	0.686			1085,643		0.126			289,365								0.052		269,059	11																																																																		
12	178.5	0.598			906,585		0.152			289,213								0.076		306,583	12																																																																		
13	178.5	0.478			727,607		0.128			289,085								0.021		326,208	13																																																																		
14	178.5	0.350			548,747		0.127		-288,958	0.0								5.2		331,963	14																																																																		
15	193.4	0.042			55,305					0.0								38.7		370,001	15																																																																		
16																		0.045		413,056	16																																																																		
17																		0.023		424,933	17																																																																		
18																		0.088		424,845	18																																																																		
19																		0.021		424,824	19																																																																		
20																		0.024		424,740	20																																																																		
21																		0.062		424,678	21																																																																		
22											40.7	0.009						0.060		424,618	22																																																																		
23											34.4	0.008						0.099		424,519	23																																																																		
24											0.0	0.017						0.097		424,422	24																																																																		
25											0.0	0.016						0.114		424,308	25																																																																		
26												0.008						0.056		424,252	26																																																																		
27												0.016						0.097		424,355	27																																																																		
28												0.015						0.042		528,313	28																																																																		
29												80.998						0.090		594,323	29																																																																		
30																		64.8		658,074	30																																																																		
31																		35.4		693,349	31																																																																		
TOTAL	2667.2	14.044				290.1		1.142	-288,958 <sup>c</sup>		81.1		0.102			614.1		1.749			TOTAL																																																																		
APRIL 1979																						MAY 1979																						JUNE 1979																						JULY 1979																					
1	16.9	0.075			710,714	59.5	0.414			1905,779			2,150					1863,098		129.0	1.367	3036,907	1																																																																
2	6.0	0.172			716,002	59.5	0.421			1904,818			2,111					1860,987		138.4	1.145	2860,338	2																																																																
3	0.0	0.169			715,833	59.5	0.551			2023,807			1,901					1859,086		143.9	1.022	2702,416	3																																																																
4	0.0	0.189			715,644	89.3	0.630			2112,477		0.0		1,686				1857,400		144.0	0.983	2627,433	4																																																																
5	17.0	0.190			732,494	107.1	0.633			2218,944		3.7		1,813				1859,287		143.7	0.902	2462,831	5																																																																
6	38.3	0.097			770,657	91.0	0.584			2309,360		27.0		2,018				1884,269		143.3	0.958	2318,573	6																																																																
7	38.0	0.150			808,507	67.7	0.364			2376,696		14.9		1,690				1897,479		143.4	0.961	2174,212	7																																																																
8	29.6	0.203			837,904	59.5	0.275			2435,521		0.0		2,106				1895,373		143.6	1.103	2009,609	8																																																																
9	29.6	0.210			867,294	59.5	0.609			2494,812				2,115				1893,258		143.9	1.114	1884,595	9																																																																
10	17.9	0.181			885,013	59.5	0.764			2553,348				2,261				1890,997		143.5	0.869	1740,326	10																																																																
11	2.2	0.153			887,060	59.5	0.875			2612,173				2,548				1888,449		143.0	0.679	1596,647	11																																																																
12	0.0	0.152			886,908	59.5	1.085			2670,588				2,078				1886,371		143.3	0.737	1452,610	12																																																																
13	12.4	0.202			899,106	71.9	1.196			2741,992				1,749				1884,622		138.6	0.748	1313,262	13																																																																
14	44.6	0.260			943,446	99.2	1.261			2839,325		0.0		1,634				1882,991		135.7	0.692	1176,870	14																																																																
15	59.5	0.298			1002,648	116.1	1.085			2934,240		2.5		1,956				1878,905		135.7	0.684	1040,486	15																																																																
16	59.5	0.281			1061,867	119.1	0.947			3072,363		13.9		1,674				1863,311		135.6	0.663	924,223	16																																																																
17	59.5	0.204			1121,163	119.0	1.123			3150,770		32.2		1,319				1859,812		135.0	0.642	800,308	17																																																																
18	57.0	0.244			1177,919	119.0	1.082																																																																																





Table C-18

TULARE IRRIGATION COMPANY  
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
MARCH 1976																						APRIL 1976																						MAY 1976																						JUNE 1976																					
1	50.8		0.006		50.794			0.024		80.581	67.6		0.235		591.433			0.823		1864.419	1																																																																		
2	30.3		0.010		31.284			0.089		80.552	66.6		0.254		671.779			0.716		1863.703	2																																																																		
3	0.0		0.010		81.274			0.017		80.535	66.6		0.304		724.075			0.762		1862.941	3																																																																		
4	0.0		0.010		81.274			0.008		80.529	66.6		0.323		790.352			0.801		1862.060	4																																																																		
5	0.0		0.008		81.336			0.011		80.518	66.8		0.275		856.877			0.810		1861.270	5																																																																		
6			0.018		81.218			0.027		80.491	67.0		0.256		923.621			0.759		1860.511	6																																																																		
7			0.027		81.191			0.082		80.469	67.0		0.286		990.235			0.659		1859.852	7																																																																		
8			0.027		81.164			0.016		80.453	67.0		0.328		1056.707			0.560		1859.292	8																																																																		
9			0.009		81.155			0.016		80.437	66.9		0.549		1123.058			0.621		1858.671	9																																																																		
10			0.009		81.146			0.016		80.421	66.8		0.507		1189.334			0.316		1858.355	10																																																																		
11			0.008		81.136			0.010		80.411	66.7		0.499		1255.532			0.641		1857.714	11																																																																		
12			0.025		81.113			0.015		80.396	66.4		0.789		1321.143			0.814		1856.900	12																																																																		
13			0.025		81.086			0.017		80.379	66.2		0.898		1386.445	43.6		0.863		1812.437	13																																																																		
14			0.024		81.064			0.020		80.359	66.3		0.866		1451.879	73.3		0.998		1738.139	14																																																																		
15			0.024		81.040			0.015		80.344	66.4		0.788		1517.149	81.7	1.118	1.118		1655.321	15																																																																		
16			0.031		81.009			0.009		80.315	66.6		0.806		1583.285		85.1	0.999		1569.222	16																																																																		
17			0.038		80.971			0.028		80.287	66.8		0.776		1649.309		84.8	0.822		1483.600	17																																																																		
18			0.032		80.949			0.023		80.264	67.1		0.690		1715.719		31.6	0.939		1450.861	18																																																																		
19			0.029		80.920			0.032		80.232	67.2		0.710		1782.293		0.0	0.793		1450.096	19																																																																		
20			0.029		80.892			0.030		80.200	67.2		0.727		1848.682		28.19	0.810		1421.296	20																																																																		
21			0.028		80.864	0.0		0.031		80.169	67.2		0.785		1873.197		100.1	0.767		1320.229	21																																																																		
22			0.021		80.843	41.9		0.046		122.023	25.3		0.667		1872.530		98.1	0.724		1221.405	22																																																																		
23			0.020		80.823	67.0		0.056		188.957	0.0		0.770		1871.760		110.2	0.711		1110.194	23																																																																		
24			0.027		80.796	67.0		0.109		255.852	0.0		0.709		1871.071		118.2	0.684		991.310	24																																																																		
25			0.020		80.776	67.0		0.145		322.707	0.0		0.810		1870.241		103.1	0.593		887.617	25																																																																		
26			0.032		80.731	67.0		0.172		389.535	0.0		0.963		1866.278		94.0	0.571		793.046	26																																																																		
27			0.013		80.731	25.1		0.180		414.455	0.0		1.062		1865.216		94.0	0.523		698.423	27																																																																		
28			0.025		80.706	0.0		0.177		414.478	0.0		0.793		1864.486		94.2	0.479		603.740	28																																																																		
29			0.029		80.677	41.9		0.191		455.987	0.0		0.784		1866.642		95.0	0.392		508.522	29																																																																		
30			0.036		80.641	68.3		0.197		524.068	0.0		0.676		1865.966		97.0	0.275		413.377	30																																																																		
31			0.036		80.605								0.724		1865.242							31																																																																	
TOTAL	81.3		0.695			445.2		1.737			1361.1		19.96			1430.39		21.475			TOTAL																																																																		
JULY 1976																						MAY 1977																						JUNE 1977																						JULY 1977																					
1		94.9	0.190		318.287						54.4		0.235		364.107			0.354		562.937	1																																																																		
2		94.6	0.156		223.131						48.8		0.211		412.096			0.401		568.536	2																																																																		
3		94.6	0.081		128.650						49.0		0.258		460.688			0.385		568.151	3																																																																		
4		94.4	0.065		34.225	0.0					18.4		0.292		478.936			0.348		561.803	4																																																																		
5		34.225	0.0								0.0		0.234		478.702			0.353		561.450	5																																																																		
6													0.249		478.453			0.381		561.069	6																																																																		
7													0.300		478.153			0.433		560.636	7																																																																		
8													0.291		477.962			0.394		560.242	8																																																																		
9												26.7	0.054		504.608			0.425		559.811	9																																																																		
10											46.3	0.153		550.955			0.499		559.408	10																																																																			
11											18.3		0.235		569.020			0.416		558.992	11																																																																		
12											0.0		0.253		568.767		0.0	0.449		558.543	12																																																																		
13													0.221		568.516		23.644	0.438		534.459	13																																																																		
14													0.250		568.266		76.000	0.382		458.077	14																																																																		
15													0.287		567.979		76.000	0.326		381.751	15																																																																		
16													0.267		567.712		76.000	0.192		305.559	16																																																																		
17													0.304		567.408		76.000	0.193		229.366	17																																																																		
18													0.266		567.142		76.000	0.128		153.242	18																																																																		
19													0.265		566.877		75.000	0.060		77.182	19																																																																		
20													0.228		566.609		58.900	0.015		18.267	20																																																																		
21						0.0							0.306		566.343		18.267			0.0	0.0	21																																																																	
22						42.0		0.016		41.984			0.364		566.073							22																																																																	
23						67.2		0.026		109.158			0.366		565.813							23																																																																	
24						25.2		0.038		134.320			0.329		565.548							24																																																																	
25						0.0		0.056		134.204			0.331		564.953							25																																																																	
26								0.055		134.209			0.353		564.600							26																																																																	
27								0.060		134.149			0.376		564.224							27																																																																	
28								0.065		134.084			0.300		563.891							28																																																																	
29						42.0		0.106		175.978			0.283		563.640							29																																																																	
30						67.2		0.144		243.034			0.349		563.291							30																																																																	
31						67.1		0.192		309.942												31																																																																	
TOTAL	412.925		0.482			310.7		0.758			261.5		8.151			556.813		6.478			TOTAL																																																																		
DECEMBER 1977																						JUNE 1978																						JULY 1978																						AUGUST 1978																					
1											11.9		1.113		3330.196		46.4	1.382		2488.203	1																																																																		
2											0.0		1.052		3328.944		44.4	1.405		2442.398	2																																																																		
3													1.147		3322.597		43.6	1.434		2397.364	3																																																																		
4													1.139		3309.288		43.6	1.019		2352.745	4																																																																		
5													1.132		3299.726		43.6	1.496		2307.649	5																																																																		
6													1.231		3298.195		43.6	1.977		2262.122	6																																																																		
7													1.336		3296.359		43.6	1.566		2216.956	7																																																																		
8													1.336		3290.523		72.2	1.175		2143.981	8																																																																		
9													1.489		3285.534		89.3	1.259		2093.022	9																																																																		
10													1.444		3279.590		89.3	1.345		1962.377	10																																																																		
11													1.202		3263.788		89.3	1.079		1871.998	11																																																																		
12													1.141		3240.347		89.3	1.096		1781.606	12																																																																		
13													1.365		3217.682		89.3	1.110		1691.192	13																																																																		
14													1.270		3196.612		89.3	1.049		1600.843	14																																																																		
15													1.274		3175.538		89.3																																																																						



Table C-19

FILMING DITCH COMPANY  
FROM LOWER KAWAUN

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
OCTOBER 1975																						NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
1						11.9		0.020		141.561			0.025		170.504				0.025		169.735	1															
2						9.4		0.042		150.919			0.024		170.480				0.025		169.710	2															
3						7.9		0.066		158.753			0.048		170.456				0.025		169.685	3															
4						6.7		0.069		165.384			0.048		170.408				0.025		169.660	4															
5						3.5		0.024		168.860			0.049		170.359				0.025		169.635	5															
6																						6															
7						2.0		0.0		170.850			0.025		170.334				0.025		169.610	7															
8						.7		0.024		171.536			0.025		170.309				0.025		169.585	8															
9						0.0		0.0		171.536			0.025		170.284				0.025		169.560	9															
10	0.0							0.025		171.531			0.025		170.259				0.025		169.535	10															
11		7.4	0.003		7.397			0.050		171.436			0.025		170.209				0.0		169.510	11															
12		11.9	0.020		19.287			0.075		171.361			0.025		170.209				0.0		169.510	12															
13		11.9	0.016		31.171			0.075		171.286			0.0		170.209				0.026		169.484	13															
14		11.9	0.022		43.049			0.100		171.186			0.025		170.184				0.026		169.458	14															
15		11.9	0.036		54.913			0.100		171.086			0.025		170.159				0.026		169.432	15															
16		10.7	0.032		65.581			0.050		171.036			0.025		170.134				0.052		169.380	16															
17		7.4	0.024		72.946			0.025		171.011			0.025		170.109				0.052		169.328	17															
18		2.2	0.024		75.122			0.050		170.961			0.025		170.084				0.052		169.276	18															
19		0.0	0.028		75.098			0.051		170.910			0.049		170.059				0.026		169.250	19															
20			0.048		75.050			0.051		170.859			0.025		170.010				0.053		169.197	20															
21			0.048		75.002			0.051		170.808			0.050		169.960				0.053		169.144	21															
22			0.036		74.966			0.051		170.757			0.025		169.915				0.054		169.090	22															
23			0.036		74.930			0.051		170.706			0.0		169.935		6.2		0.053		162.887	23															
24			0.036		74.894			0.025		170.681			0.025		169.910		9.9		0.025		152.912	24															
25			0.036		74.858			0.051		170.630			0.025		169.885		8.7		0.025		144.188	25															
26		0.0	0.012		74.846			0.051		170.579			0.025		169.860		9.9	0.4	0.025		124.999	26															
27		7.4	0.027		82.222			0.025		170.554			0.025		169.860		9.9	0.40	0.025		115.059	27															
28		11.9	0.061		94.095			0.0		170.554			0.025		169.835		9.9	0.40	0.025		111.039	28															
29		11.9	0.061		105.934			0.0		170.554			0.025		169.810		0.0	0.40	0.025		111.280	29															
30		11.9	0.017		117.817			0.025		170.529			0.025		169.785				0.041		111.239	30															
31		11.9	0.036		129.621								0.025		169.760						111.280	31															
TOTAL	130.3		0.619			42.1		1.252					0.769				57.5		1.021		TOTAL																
FEBRUARY 1976																						MARCH 1976					APRIL 1976					MAY 1976					DAY
1			0.041		111.198	14.9		0.020		160.369	37.9		0.321		1338.552				0.862		2171.485	1															
2			0.041		111.157	20.6		0.022		180.947	37.6		0.495		1375.657				0.844		2205.541	2															
3			0.042		111.115	29.8		0.027		210.722	38.7		0.301		1441.066				0.922		2299.619	3															
4			0.0		111.115	45.0		0.030		255.692	35.5		0.101		1449.545				0.906		2241.013	4															
5			0.021		111.094	51.6		0.106		307.186	41.3		0.206		1490.549				0.716		2228.997	5															
6			0.021		111.073	51.6		0.081		348.705	49.5		0.505		1539.554				0.622		2244.275	6															
7			0.0		111.073	51.6		0.237		410.168	51.6		0.428		1590.696				0.882		2259.793	7															
8		0.0	0.0		111.073	51.6		0.152		461.616	33.7		0.322		1624.074				1.136		2275.357	8															
9		7.4	0.0		110.473	51.6		0.055		513.161	27.0		0.324		1656.750				1.120		2290.137	9															
10		11.9	0.023		130.350	51.6		0.060		564.701	29.4		0.324		1679.826				1.022		2304.915	10															
11		5.7	0.024		136.025	51.6		0.064		616.237	32.0		0.217		1711.609				0.921		2319.294	11															
12		0.7	0.023		136.703	51.6		0.206		667.631	31.4		0.328		1742.681				1.393		2334.301	12															
13		0.0	0.023		136.680	51.6		0.219		719.012	29.7		0.376		1772.005				1.518		2344.783	13															
14			0.023		136.657	48.1		0.229		769.883	33.3		0.440		1804.865				1.406		2357.277	14															
15			0.022		136.635	35.4		0.235		806.048	31.4		0.332		1835.933				1.231		2370.446	15															
16			0.022		136.613	26.5		0.316		828.232	32.0		0.669		1867.264				1.214		2384.032	16															
17			0.022		136.591	23.8		0.397		851.635	41.5		0.676		1908.088				1.128		2398.204	17															
18			0.043		136.568	21.8		0.238		873.197	39.6		0.569		1947.119				0.970		2413.034	18															
19		1.0	0.021		137.727	23.7		0.320		896.577	30.8		0.771		1977.182				0.967		2428.367	19															
20		0.7	0.021		138.406	31.7		0.327		927.950	21.8		0.790		1998.132				0.961		2443.906	20															
21		0.0	0.042		138.364	34.3		0.333		961.217	17.5		0.778		2018.854				1.031		2459.575	21															
22			0.041		138.323	29.9		0.253		991.564	16.7		0.764		2030.790				0.882		2475.793	22															
23			0.040		138.283	31.4		0.257		1022.707	16.6		0.717		2046.673				1.025		2492.168	23															
24			0.040		138.243	31.4		0.347		1053.760	16.4		0.846		2062.227				0.951		2509.217	24															
25			0.020		138.223	25.7		0.261		1079.199	16.1		0.935		2077.392				1.095		2526.622	25															
26			0.039		138.184	24.0		0.438		1102.761	16.4		0.923		2092.669				1.311		2543.711	26															
27			0.038		138.146	27.3		0.177		1129.084	17.2		0.916		2109.153				1.456		2561.455	27															
28		0.0	0.038		138.108	35.0		0.360		1154.324	17.5		0.908		2125.745				1.092		2580.163	28															
29		7.4	0.019		145.489	46.7		0.434		1210.790	17.2		0.898		2142.047				1.093		2600.870	29															
30						48.1		0.568		1258.322	16.1		0.900		2157.247				0.951		2625.419	30															
31						43.3		0.579		1301.043					2171.247				1.029		2651.890	31															
TOTAL	35.0		0.750			1162.8		7.246			873.4		17.296				527.3		32.657		TOTAL																
JUNE 1976																						JULY 1976					AUGUST 1976					SEPTEMBER 1976					DAY
1	29.3		1.182		2680.008		4.9	1.824		3058.313		1.7	1.690		2689.782							1															
2	33.6		1.042		2712.566	0.0	0.1	2.135		3096.078			1.992		2664.430							2															
3	39.4		1.126		2750.840	13.7	0.0	1.922		3067.856			1.991		2608.299							3															
4	47.9		1.293		2797.447	1.2		2.253		3066.803			2.265		2533.734							4															
5	33.5		1.231		2829.716	1.0		2.347		3065.456			69.9		2461.580							5															
6	24.0		1.164		2852.552	3.1		2.231		3066.325			67.7		2392.197							6															
7	29.8		1.017		2871.335	0.3	0.0	2.297		3064.328			60.5		2329.741				0.011		9.889	7															

Table C-19 (Cont'd)

FLEETING DITCH ENERGY  
FROM LOWER KAWAHI

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
OCTOBER 1976																						
1	40.5		0.175		766.404	0.0															294.110	
2	27.5		0.263		793.641	0.0															310.623	
3	26.2		0.265		819.576	0.0															326.102	
4	42.7		0.366		861.910	0.0															337.577	
5	46.6		0.477		908.033	0.0	0.0														349.348	
6	39.9		0.530		947.403																362.226	
7	32.7		0.761		979.342																379.943	
8	27.3		0.663		1009.979																393.701	
9	23.3		0.785		1028.494																406.092	
10	21.8		0.795		1049.499																422.501	
11	28.1		0.699		1066.910																438.245	
12	15.9		0.594		1083.116																456.484	
13	13.4		0.815		1094.701																474.918	
14	9.4		0.701		1103.400																490.147	
15	7.9		0.702		1110.598																508.573	
16	7.9		0.587		1117.911																520.614	
17	6.7		0.705		1123.905																537.331	
18	6.0		0.707		1129.198																555.985	
19	4.7		0.708		1133.190																566.716	
20	4.0		0.590		1136.600																580.422	
21	1.5		0.717		1137.383																596.558	
22	0.0		0.605		1136.778																617.819	
23			0.367		1136.411																645.038	
24			0.373		1136.038																675.820	
25		0.000	0.046		1137.992																707.444	
26			0.048		1137.944																733.933	
27			0.083		1137.861																756.125	
28		0.86	0.001		0.860																780.110	
29		0.86	0.0		0.0																802.993	
30																					822.038	
31																					837.094	
TOTAL	424.0	1135.86	24.219			7.4	7.398	0.002			276.3		0.686						6.120		51	
APRIL 1977																						
1	16.4		0.349		853.145	28.6		0.622		1667.489	15.7		1.711		2655.634		47.9	1.818		2893.687	1	
2	16.6		0.443		869.302	32.1		0.625		1695.964	16.0		1.368		2685.266		36.4	2.037		2955.250	2	
3	15.9		0.448		884.794	33.9		0.840		1732.084	16.4		1.561		2695.105		29.3	1.936		2985.024	3	
4	24.6		0.548		908.806	45.0		0.855		1776.169	16.7		1.648		2700.157		32.0	1.728		2790.286	4	
5	32.2		0.562		940.444	51.6		0.762		1827.007	17.2		1.329		2716.028		33.7	1.734		2794.852	5	
6	44.9		0.675		984.669	51.6		0.665		1877.942	18.0		1.422		2732.606		36.3	1.846		2716.706	6	
7	33.2		0.681		1017.188	49.1		0.451		1906.591	19.7		1.723		2750.583		33.3	1.867		2681.334	7	
8	21.7		0.483		1028.405	50.1		0.229		1976.462	19.0		1.108		2768.475		30.3	1.864		2649.170	8	
9	23.7		0.295		1061.815	51.6		0.233		2007.829	15.8		0.996		2783.977		33.1	1.966		2651.084	9	
10	37.9		0.990		1099.221	51.6		0.474		2078.955	15.5		0.778		1798.699		31.4	1.885		2598.799	10	
11	41.0		0.604		1139.617	39.2		0.398		2117.797	17.4		1.163		2814.936		22.3	1.904		2556.595	11	
12	36.7		0.715		1175.602	38.1		0.481		2155.416	21.1		1.299		2834.777		18.0	2.028		2536.557	12	
13	32.2		0.618		1207.184	47.9		0.242		2203.074	26.9		1.262		2860.415		17.8	2.060		2516.697	13	
14	32.3		0.728		1238.756	51.6		0.616		2254.058	30.9		1.269		2890.046		30.4	2.074		2484.223	14	
15	26.0		0.830		1265.926	39.2		1.115		2292.143	44.1		1.482		2928.664		50.0	2.074		2434.149	15	
16	19.2		0.713		1282.413	25.8		0.862		2317.081	51.6		1.403		2942.861		57.1	1.492		2335.557	16	
17	17.1		0.699		1298.814	32.5		1.236		2348.345	51.6		1.626		3032.835		57.3	1.946		2314.311	17	
18	17.4		0.977		1315.446	46.7		0.977		2393.168	47.9		1.445		3079.290		57.2	1.826		2285.285	18	
19	21.0		0.887		1335.539	41.7		1.133		2434.739	44.9		1.463		3119.789		56.8	1.706		2195.779	19	
20	25.9		0.990		1360.449	27.3		1.233		2480.622	33.1		1.271		3151.558		59.8	1.701		2135.278	20	
21	28.6		0.896		1388.153	16.9		1.359		2478.323	19.6	0.0	1.712		3169.446		62.0	1.692		2071.596	21	
22	33.3		0.805		1420.648	16.7		0.971		2494.052	6.0	0.4	2.042		3173.004		59.0	1.797		2010.789	22	
23	34.6		1.014		1454.234	16.9		0.598		2510.354	0.0	7.2	2.045		3163.759		51.8	1.571		1957.418	23	
24	30.1		0.714		1483.680	17.2		0.710		2526.844	10.0	1.835			3151.984		40.7	1.575		1907.143	24	
25	29.3		0.848		1512.100	18.4		1.059		2544.185	19.3	1.829			3128.795		43.5	1.579		1862.064	25	
26	26.7		0.615		1538.184	20.0		1.094		2563.131	38.1	1.986			3084.769		35.4	1.704		1824.960	26	
27	25.3		0.719		1562.765	19.1		1.159		2581.078	30.2	2.034			3058.535		32.5	1.438		1790.969	27	
28	25.8		0.803		1587.742	17.5		1.260		2597.912	30.0	1.628			3090.910		30.0	1.628		1764.841	28	
29	25.8		0.721		1612.821	16.7		1.579		2612.433	35.3	1.502			2994.128		22.5	1.775		1739.966	29	
30	27.0		0.310		1639.511	16.3		1.554		2627.179	35.9	1.823			2943.405		27.7	1.921		1710.345	30	
31						16.1		1.634		2641.645							43.78	1.448			1665.117	31
TOTAL	822.4		19.983			1029.0		26.866			562.1	215.4	44.940						1222.38		55.908	TOTAL
AUGUST 1977																						
1		50.4	1.692		1613.025								0.009		19.410		10.7	0.027		133.110	1	
2		61.8	1.685		1540.540								0.013		19.397		8.7	0.069		141.701	2	
3		91.8	1.515		1454.275								0.013		19.384		4.2	0.029		145.992	3	
4		140.4	1.087		1312.738								0.004		19.380		8.2	0.051		154.122	4	
5		196.7	1.089		1154.949								0.006		24.374		6.9	0.032		160.989	5	
6		196.7	0.883		997.366	0.0		0.0		0.0	5.0		0.016		34.758		6.4	0.033		167.356	6	
7		145.6	0.623		851.143	12.4		0.011		12.399	10.4		0.019		41.639		7.9	0.035		175.221	7	
8		137.6	0.675		712.868	7.4		0.017		19.772	6.9		0.021		46.818		3.0	0.035		178.186	8	
9		136.9	0.564		578.404	0.0		0.017		19.755	5.2		0.023		51.495		3.0	0.035		178.151	9	
10		136.9	0.489		438.015			0.017		19.738	4.7		0.024		54.171		3.0	0.035		178.116	10	
11		136.9	0.315		300.800			0.021		19.717	2.0		0.037		56.134			0.070		178.046	11	
12		136.9	0.177		163.723			0.022		19.695	2.0		0.025		56.809			0.0		178.046	12	
13		136.9	0.030		26.793			0.017		19.678	0.7		0.012		56.797		0.0	0.035		178.011	13	
14		26.793	0.0		0.0			0.022		19.656	0.0		0.025		56.772		3.7	0.036		181.675	14	
15								0.022		19.634	0.0		0.025		56.747							

Table C-19 (Cont'd)

FLEMING OYCH COMPANY  
FROM LOWER KAWAHA

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
JUNE 1978																						JULY 1978					AUGUST 1978					FEBRUARY 1979					DAY
1						20.6	0.144			430,642			0.131		235,394						1																
2						19.8	0.130			410,712			0.135		235,249							2															
3						19.8	0.135			390,777			0.143		235,108							3															
4						19.8	0.128			370,849			0.102		235,006							4															
5						19.8	0.120			350,959		0.0	0.152		234,854							5															
6						19.8	0.124			331,005		16.1	0.186		234,568							6															
7						17.4	0.127			313,478		25.8	0.136		198,632							7															
8						15.9	0.121			297,457		25.8	0.091		166,741							8															
9						15.9	0.128			281,429		25.8	0.086		140,855							9															
10						15.9	0.117			265,412		25.8	0.079		114,976							10															
11						17.1	0.091			248,221		25.8	0.051		89,125							11															
12						7.9	0.085			240,236		25.8	0.039		63,286							12															
13						2.0	0.101			238,135		22.1	0.027		41,159							13															
14						0.7	0.094			237,341		19.6	0.014		21,305							14															
15						0.0	0.095			237,246		22.3			0.0							15															
16							0.100			237,146												16															
17							0.109			237,037												17															
18							0.115			236,922												18															
19							0.105			236,817												19															
20							0.121			236,696												20															
21							0.102			236,594												21															
22							0.109			236,485												22															
23							0.129			236,356												23															
24							0.114			236,242												24															
25							0.065			236,177												25															
26							0.100			236,077												26															
27							0.108			235,969												27															
28							0.111			235,858												28															
29							0.104			235,754												29															
30							0.118			235,636												30															
31							0.121			235,515												31															
TOTAL	61.2	0.424				212.4	3.471				234.1	1.370				145.7	0.122				TOTAL																
MARCH 1979																						APRIL 1979					MAY 1979					JUNE 1979					DAY
1	15.6	0.030			161,188	5.0	0.064			612,933	2.0	0.178			821,624		9.7	0.264			590,401	1															
2	15.9	0.032			177,016	5.1	0.108			617,244	0.7	0.176			822,148		11.9	0.251			578,250	2															
3	16.6	0.051			193,565	5.4	0.147			623,198	0.0	0.224			821,904		11.9	0.221			566,129	3															
4	16.7	0.055			210,210	5.2	0.167			628,231	0.167	0.245			821,679		11.9	0.192			554,037	4															
5	16.2	0.057			226,353	4.7	0.164			632,767	0.234	0.234			821,445		11.9	0.202			541,335	5															
6	16.1	0.059			242,394	10.8	0.081			643,486		0.208			821,237		18.1	0.216			523,619	6															
7	15.4	0.081			257,713	14.4	0.122			657,764		0.126			821,111		15.6	0.175			507,844	7															
8	14.7	0.081			272,332	14.4	0.163			672,001		0.293			821,018		13.1	0.213			494,531	8															
9	14.5	0.081			286,751	12.9	0.122			684,779		0.200			820,818		13.9	0.208			480,423	9															
10	14.5	0.081			301,170	11.9	0.142			696,537	1.2	0.245			819,373		13.9	0.206			466,307	10															
11	14.5	0.061			315,609	11.9	0.123			708,314		2.0	0.274		817,099		13.9	0.236			452,171	11															
12	14.5	0.082			330,027	11.9	0.123			720,091		2.0	0.331		814,768		10.1	0.188			441,883	12															
13	14.7	0.086			344,641	11.9	0.165			731,826		0.7	0.355		813,713		7.9	0.155			433,828	13															
14	15.0	0.042			359,599	11.9	0.205			743,521		0.0	0.365		813,350		12.9	0.181			426,787	14															
15	14.6	0.063			374,136	18.1	0.226			761,395		0.298			813,052		17.1	0.131			403,566	15															
16	14.4	0.042			388,494	15.6	0.206			776,789		0.250			812,802		17.9	0.133			385,223	16															
17	14.7	0.021			403,113	8.2	0.143			788,846		0.286			812,516		17.9	0.100			367,923	17															
18	15.3	0.086			418,387	2.2	0.163			786,883		0.266			812,250		17.9	0.123			349,500	18															
19	15.5	0.022			433,865	0.0	0.182			786,701	1.0	0.272			813,178		20.3	0.118			329,082	19															
20	15.8	0.089			449,576	0.0	0.201			786,500	2.0	0.265			814,913		21.8	0.112			307,170	20															
21	16.2	0.068			465,708	0.200	0.196			786,300		0.196			817,917		25.5	0.112			281,598	21															
22	16.3	0.068			481,940	0.0	0.198			786,102		1.0	0.192		816,725		30.3	0.085			251,173	22															
23	16.4	0.116			498,224	3.7	0.197			789,609		4.0	0.200		812,525		31.7	0.079			219,394	23															
24	16.5	0.117			514,607	2.3	0.196			791,709		5.2	0.266		807,059		30.7	0.078			187,616	24															
25	16.3	0.142			530,765	12.4	0.158			803,951		6.0	0.273		800,786		31.7	0.062			155,854	25															
26	15.5	0.072			546,193	8.7	0.118			812,533		6.0	0.291		794,495		31.7	0.044			124,110	26															
27	19.8	0.045			565,948	2.0	0.155			814,378		4.7	0.242		789,553		34.2	0.035			89,875	27															
28	22.5	0.046			588,402	2.0	0.171			816,207		5.2	0.237		784,136		37.7	0.022			54,153	28															
29	11.0	0.091			599,311	2.0	0.223			817,984		6.0	0.237		777,899		26.1	0.010			28,027	29															
30	4.2	0.045			601,466	27.0	0.182			819,808		6.0	0.268		774,631		28.0				0.0	31															
31	4.7	0.109			608,057		0.266					6.0	0.266	-165.0	600,365							31															
TOTAL	464.6	2.121				216.6	4.855				9.1	36.0	7.537	-165.0		596.2	4.122				TOTAL																
JULY 1979																						AUGUST 1979					SEPTEMBER 1979					OCTOBER 1979					DAY
1					6.1	0.051				48,035	28.8	0.535			596,689		17.1	0.718			842,373	1															
2					7.5	0.060				55,475	26.8	0.694			622,795		12.9	0.907			854,366	2															
3					11.3	0.064				66,711	21.8	0.576			647,019		8.7	0.547			862,519	3															
4					13.2	0.078				79,833	23.1	0.594			669,525		6.7	0.732			868,487	4															
5					13.1	0.100				92,833	21.3	0.765			690,060		6.0	0.734			873,753	5															
6					12.7	0.106				105,427	19.8	0.784			709,076		3.5	0.734			876,519	6															
7					12.3	0.148				117,579	23.5	0.807			731,769		2.0	0.734			877,785	7															
8					19.0	0.173				136,406	17.1	0.659			748,210		0.7	0.549			877,936	8															
9					13.8	0.167				150,039	13.1	0.837			760,473		0.0	0.780			877,206	9															
10					2.4	0.154				147,485	11.4	0.848			771,025		0.547				876,659	10															
11					10.2	0.110				137,175	9.9	1.030			779,895		0.547				876,112	11															
12					9.1	0.110				127,965	7.4	1.039			786,256		0.364				875,748	12															
13					2.9	0.116				124,9																											

Table C-19 (Cont'd)

FLEMING DITCH COMPANY  
FROM LOWER KANAWHA

DAY	NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1			0.433		900.998			0.240		912.782			0.109		907.137			0.048		905.181	1
2			0.429		900.569			0.361		912.421			0.220		906.917			0.099		905.082	2
3			0.423		900.146			0.364		912.057			0.111		906.696			0.025		905.057	3
4			0.275		919.871			0.364		911.693			0.112		906.694			0.026		905.031	4
5			0.407		919.464			0.243		911.450			0.0		906.694			0.053		904.978	5
6			0.401		919.063			0.242		911.208			0.116		906.578			0.027		904.951	6
7			0.395		918.668			0.241		910.967			0.118		906.460			0.084		904.867	7
8			0.390		918.278			0.363		910.604			0.120		906.340			0.144		904.783	8
9			0.258		918.020			0.241		910.363			0.106		906.340			0.149		904.774	9
10			0.255		917.765			0.121		910.242			0.108		906.232			0.155		904.419	10
11			0.252		917.513			0.0		910.242			0.090		906.142			0.131		904.266	11
12			0.252		917.138			0.121		910.121			0.0		906.142			0.128		904.058	12
13			0.371		916.767			0.242		909.879			0.021		906.121			0.035		904.023	13
14			0.248		916.519			0.121		909.758			0.053		906.068			0.036		903.987	14
15			0.496		916.023			0.121		909.637			0.017		906.051			0.074		903.913	15
16			0.371		915.652			0.242		909.395			0.017		906.034			0.071		903.842	16
17			0.123		915.529			0.242		909.153			0.017		906.017			0.089		903.773	17
18			0.122		915.407			0.484		908.669			0.035		905.982			0.093		903.660	18
19			0.121		915.286			0.242		908.427			0.054		905.928			0.074		903.596	19
20			0.241		915.045			0.242		908.185			0.055		905.873			0.077		903.529	20
21			0.237		914.808			0.0		908.185			0.057		905.816			0.132		903.277	21
22			0.119		914.689			0.121		908.064			0.039		905.777			0.115		903.121	22
23			0.239		914.450			0.120		907.944			0.060		905.717			0.079		902.933	23
24			0.119		914.331			0.120		907.824			0.061		905.656			0.102		902.832	24
25			0.237		914.094			0.117		907.707			0.021		905.635			0.166		902.666	25
26			0.237		913.857			0.0		907.707			0.043		905.592			0.170		902.496	26
27			0.119		913.738			0.116		907.591			0.065		905.527			0.131		902.365	27
28			0.238		913.500			0.117		907.475			0.089		905.438			0.156		902.209	28
29			0.239		913.261			0.0		907.358			0.023		905.415			0.115		902.094	29
30			0.239		913.022			0.112		907.246			0.071		905.300			0.071		902.029	30
TOTAL			8.409					5.776					2.017					3.135			31
DAY	MARCH 1980					APRIL 1980					MAY 1980					JUNE 1980					DAY
1			0.048		902.046			0.228		897.559			0.119		891.059			0.269		883.529	1
2			0.073		901.973			0.231		897.328			0.306		890.793			0.263		883.266	2
3			0.049		901.924			0.234		897.094			0.294		890.499			0.254		883.006	3
4			0.099		901.825			0.088		897.006			0.361		890.138			0.265		882.743	4
5			0.049		901.776			0.029		896.977			0.309		889.829			0.261		882.482	5
6			0.048		901.728			0.204		896.773			0.259		889.570			0.244		882.238	6
7			0.144		901.584			0.174		896.559			0.255		889.315			0.282		881.956	7
8			0.169		901.415			0.230		896.309			0.294		889.021			0.291		881.665	8
9			0.170		901.245			0.258		896.111			0.042		888.979			0.300		881.365	9
10			0.073		901.172			0.229		895.882			0.165		888.814			0.296		881.069	10
11			0.123		901.049			0.286		895.596			0.165		888.649			0.294		880.775	11
12			0.097		900.925			0.342		895.254			0.187		888.462			0.242		880.533	12
13			0.121		900.831			0.339		894.915			0.188		888.274			0.256		880.277	13
14			0.121		900.710			0.252		894.663			0.147		888.127			0.294		879.923	14
15			0.121		900.589			0.251		894.412			0.253		887.874			0.334		879.649	15
16			0.169		900.420			0.332		894.080			0.273		887.601			0.321		879.388	16
17			0.122		900.298			0.359		893.795			0.351		887.250			0.320		879.008	17
18			0.097		900.231			0.299		893.486			0.404		886.846			0.303		878.705	18
19			0.170		900.031			0.327		893.099			0.431		886.415			0.323		878.382	19
20			0.220		899.811			0.218		892.881			0.379		886.036			0.256		878.186	20
21			0.098		899.713			0.247		892.634			0.259		885.777			0.291		877.835	21
22			0.199		899.514			0.140		892.494			0.235		885.542			0.266	-302.6	877.500	22
23			0.227		899.287			0.113		892.381			0.178		885.364			0.174		877.186	23
24			0.257		899.030			0.168		892.233			0.141		885.223			0.174		876.862	24
25			0.426		898.604			0.219		891.994			0.261		884.982			0.174	+0.5	876.500	25
26			0.107		898.897			0.240		891.754			0.235		884.747			0.0		876.000	26
27			0.124		898.733			0.259		891.495			0.233		884.516			0.0		875.500	27
28			0.192		898.541			0.125		891.370			0.129		884.387			0.0		875.000	28
29			0.250		898.291			0.024		891.346			0.158		884.229			0.0		874.500	29
30			0.279		898.012			0.168		891.178			0.218		884.011			0.0		874.000	30
31			0.225		897.781								0.213		883.798					873.500	31
TOTAL			4.307					6.609					7.380					6.751	-302.1*		TOTAL
DAY	JULY 1980					AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY
1					575.000			9.9	0.195	351.764			8.5	0.013	18.221			a		1	
2					575.000			18.6	0.195	338.969			3.2	0.011	15.010			b		2	
3					575.000			27.5	0.170	309.299		0.6	0.012	15.598			c		3		
4					575.000			29.8	0.140	275.359		0.6	0.014	16.184			d		4		
5			0.0	0.0	575.000			24.5	0.127	245.432			7.0	0.007	9.177			e		5	
6			9.9	0.197	564.903			29.8	0.115	215.517			7.3	0.000	1.875			f		6	
7			22.1	0.190	542.613			29.8	0.098	185.619			1.9	0.0	0.0			g		7	
8			25.8	0.182	516.631			18.6	0.090	166.969			3.0	0.007	2.998			h		8	
9			9.9	0.168	490.370			11.9	0.092	134.937	+ 92.0		4.7	0.005	11.886			i		9	
10			13.6	0.164	480.606			11.9	0.087	112.950			4.4	0.012	16.274			j		10	
11			8.7	0.176	471.730			11.9	0.078	130.972										11	
12			8.0	0.160	463.570			11.9	0.070	119.002										12	
13			7.9	0.192	455.478			11.9	0.062	107.040										13	
14			8.0	0.177	447.303			15.7	0.043	91.297										14	
15			5.2	0.194	437.907			17.9	0.030	73.367										15	
16			9.9	0.205	427.802			17.9	0.026												

Table C-20

FLUORINE DITCH COMPANY  
FROM KECHUM DITCH

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1						9.9	0.023			170.148				0.041	283.902				0.041	282.654	1
2						8.6	0.049			178.699				0.040	283.882				0.041	282.613	2
3						7.9	0.077			186.522				0.040	283.842				0.041	282.572	3
4						6.6	0.069	0.042		193.042				0.081	283.761				0.041	282.531	4
5						6.0	0.080			199.044				0.081	283.680				0.041	282.490	5
6						6.0	0.0			205.044				0.041	283.639				0.042	282.448	6
7						6.0	0.030			210.984				0.041	283.598				0.042	282.406	7
8			0.002		3.698	6.0	0.0			216.984				0.041	283.557			0.0	0.042	282.364	8
9			0.006		14.306	6.0	0.032			222.982				0.041	283.516			6.2	0.041	276.183	9
10			0.004		18.282	6.0	0.033			228.949				0.041	283.475			9.9	0.040	266.129	10
11			0.010		26.072	6.0	0.068			234.851				0.041	283.434			9.9	0.0	256.283	11
12			0.019		39.953	4.0	0.105			239.546				0.041	283.393			9.9	0.0	246.383	12
13			0.023		44.630	4.0	0.104			243.440				0.041	283.352			6.2	0.027	240.146	13
14			0.026		52.504	4.0	0.144			247.296				0.041	283.311			7.4	0.036	235.770	14
15			0.040		60.364	4.0	0.147			251.149				0.041	283.270			6.9	0.039	229.775	15
16			0.033		68.211	4.0	0.075			255.074				0.041	283.229			7.9	0.067	217.608	16
17			0.036		74.695	4.0	0.038			259.036				0.041	283.188			3.0	0.066	214.742	17
18			0.028		80.869	4.0	0.078			262.998				0.041	283.147			0.0	0.066	214.676	18
19			0.028		86.841	2.8	0.079			265.679				0.082	283.106			0.0	0.033	214.643	19
20			0.059		98.788	2.0	0.060			267.999				0.041	283.065			0.0	0.061	214.576	20
21			0.062		97.480	3.3	0.080			270.819				0.083	283.023			0.0	0.068	214.508	21
22			0.048		101.372	2.6	0.051			273.538				0.041	282.982			0.0	0.069	214.439	22
23			0.050		105.262	3.3	0.082			276.256				0.0	282.942			0.0	0.070	214.369	23
24			0.052		109.270	4.0	0.042			280.714				0.0	282.901			0.0	0.035	214.334	24
25			0.054		113.216	2.8	0.084			283.340				0.041	282.860			0.0	0.036	214.298	25
26			0.019		118.397	0.7	0.084			284.046				0.0	282.819			0.0	0.072	214.255	26
27			0.038		126.759	0.0	0.042			284.094				0.0	282.818			0.0	0.075	214.178	27
28			0.039		131.400	0.0	0.084			284.094				0.0	282.777			6.2	0.078	214.078	28
29			0.043		143.237	0.0	0.041			284.094				0.041	282.736			9.9	0.071	197.833	29
30			0.021		151.116	0.0	0.041			283.963				0.041	282.695			9.9	0.068	187.865	30
31			0.045		160.271	0.0	0.041			283.963				0.041	282.695			9.9	0.068	187.865	31
TOTAL	161.1		0.899			125.5		1.808					1.268					93.3	1.530		TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1			8.7		0.066	179.099	4.4	0.033		264.232	10.3	0.167		571.893				0.316		795.084	1
2			9.2		0.063	169.836	6.4	0.033		270.599	10.3	0.210		581.983				0.307		794.717	2
3			8.7		0.061	161.075	10.3	0.034		280.865	10.3	0.186		592.137				0.333		794.384	3
4			6.7		0.031	133.175	10.3	0.038		321.131	10.3	0.042		602.115				0.369		794.059	4
5			6.7		0.028	146.447	10.3	0.104		301.387	10.3	0.085		612.630				0.255		793.804	5
6			4.7		0.027	144.720	9.1	0.070		310.357	10.3	0.212		622.718				0.220		793.594	6
7			5.2		0.010	136.590	8.3	0.106		318.551	10.3	0.170		632.848				0.369		792.775	7
8			6.0		0.0	130.520	9.6	0.108		328.043	10.3	0.127		643.021				0.356		792.879	8
9			0.0		0.0	127.020	10.3	0.037		336.306	10.3	0.188		653.193				0.389		792.491	9
10			3.3		0.024	132.496	10.3	0.037		346.569	10.3	0.128		663.365				0.351		792.140	10
11			6.7		0.025	141.171	10.3	0.037		358.632	10.3	0.086		673.579				0.314		791.826	11
12			7.9		0.025	149.046	10.3	0.114		369.018	10.3	0.129		683.790				0.473		791.353	12
13			6.3		0.026	155.500	10.3	0.115		379.203	10.3	0.147		693.903				0.312		790.881	13
14			3.9		0.027	161.393	10.3	0.116		389.387	10.4	0.172		704.111				0.471		790.370	14
15			3.9		0.027	167.266	10.3	0.117		399.570	10.4	0.129		714.302				0.410		789.960	15
16			6.0		0.028	173.238	10.3	0.156		409.714	10.3	0.259		724.443				0.402		789.558	16
17			6.0		0.028	179.210	10.3	0.196		419.818	10.3	0.260		734.483				0.371		789.187	17
18			6.0		0.028	185.152	10.3	0.117		430.001	10.3	0.217		744.566				0.317		788.870	18
19			7.2		0.030	192.302	10.3	0.157		440.144	10.3	0.302		754.562				0.310	0.0	788.556	19
20			7.9		0.030	200.132	10.3	0.159		450.285	10.2	0.308		764.460				0.317		788.246	20
21			7.9		0.062	208.030	10.3	0.159		460.426	10.1	0.299		774.261			7.5	0.333		789.413	21
22			6.6		0.024	214.566	10.3	0.120		470.566	3.8	0.253		777.768			12.2	0.288		807.323	22
23			6.0		0.024	220.502	10.3	0.121		480.705	0.0	0.272		777.496			12.2	0.337		819.188	23
24			6.0		0.025	226.437	10.3	0.162		490.983	0.0	0.319		777.177			12.3	0.315		831.173	24
25			6.0		0.033	232.404	10.3	0.121		501.102	0.0	0.350		776.827			12.3	0.365		843.108	25
26			6.0		0.067	240.337	10.3	0.203		511.199	0.0	0.343		776.484			12.3	0.441		854.967	26
27			6.0		0.068	244.269	10.3	0.082		521.417	6.3	0.340		782.444			12.3	0.493		866.774	27
28			6.0		0.069	250.200	10.3	0.164		531.353	10.1	0.338		792.672			12.3	0.372		878.702	28
29			9.7		0.035	259.865	10.3	0.198		541.659	3.6	0.334		799.340			12.3	0.376		890.628	29
30							10.3	0.249		551.710	0.0	0.332					12.3	0.327		902.601	30
31							10.3	0.250		561.760	0.0	0.355					12.4	0.355		914.646	31
TOTAL	133.7	60.6	1.100			305.6		3.705			240.2		6.620				130.4		11.094		TOTAL
DAY	JUNE 1976					JULY 1976					AUGUST 1976					OCTOBER 1976					DAY
1			12.4		0.409	906.637		0.571		957.637		0.463		736.092			5.2	0.001		5.199	1
2			12.4		0.361	930.576		0.663		988.874		0.550		735.502			9.7	0.009		14.894	2
3			12.4		0.389	990.587		0.989		940.185		0.562		734.940			9.2	0.009		24.086	3
4			12.4		0.445	962.642		0.684		933.401		0.656		734.288			8.1	0.014		32.372	4
5			9.9		0.423	972.119		0.706		922.595		0.672		733.612			7.1	0.023		39.453	5
6			9.7		0.401	981.418		0.665		913.830		0.516		733.096			6.3	0.026		45.729	6
7			9.2		0.351	990.267		0.878		905.055		0.615		732.481			5.1	0.019		50.786	7
8			8.3		0.301	998.266		0.692		898.260		0.808		731.673			4.4	0.036		55.150	8
9			7.1		0.336	1005.030		0.819		897.501		0.828		730.845			4.4	0.045			

Table C-20 (Cont'd)

FLEMING DITCH COMPANY  
FROM KERRICH DITCH

		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY				
DAY		NOVEMBER 1976						DECEMBER 1976						JANUARY 1977						FEBRUARY 1977						DAY
1				0.01		22,844	2.0		0.010		29,143			0.005		31,530			0.005		31,287	1				
2				0.015		22,829	2.0		0.010		31,133			0.011		31,519			0.005		31,282	2				
3			0.0	7.4		15,419	0.7		0.011		31,829			0.005		31,514			0.010		31,272	3				
4			11.9	0.010		5,518	0.0		0.011		31,811			0.005		31,407		2.9	0.010		31,162	4				
5			3.5	0.020		0.0			0.011		31,800			0.005		31,402		3.2	0.011		37,351	5				
6									0.011		31,789			0.005		31,397		2.5	0.006		39,845	6				
7									0.011		31,778			0.005		31,392		3.9	0.013		43,732	7				
8									0.011		31,767			0.005		31,387		3.3	0.014		47,018	8				
9									0.006		31,761			0.005		31,382		2.4	0.007		49,411	9				
10									0.011		31,750			0.0		31,382		3.9	0.015		53,395	10				
11									0.011		31,739			0.005		31,377		4.5	0.017		57,778	11				
12									0.011		31,728			0.005		31,372		3.2	0.018		60,960	12				
13									0.011		31,717			0.005		31,367		2.5	0.019		63,142	13				
14									0.011		31,706			0.0		31,367		2.4	0.020		65,814	14				
15									0.011		31,695			0.0		31,367		3.9	0.030		69,684	15				
16			0.0						0.017		31,678			0.005		31,362		4.6	0.032		74,252	16				
17			1.2		0.0	1,200			0.017		31,661			0.005		31,357		4.6	0.033		78,819	17				
18			2.0		0.001	3,199			0.011		31,650			0.005		31,352		4.6	0.047		83,372	18				
19			2.0		0.001	5,198			0.011		31,639			0.005		31,347		4.6	0.049		87,925	19				
20			2.0		0.001	7,197			0.011		31,628			0.005		31,342		3.3	0.025		91,948	20				
21			2.0		0.002	9,195			0.006		31,622			0.005		31,337		3.7	0.0		94,898	21				
22			2.0		0.0	11,195			0.011		31,611			0.005		31,332		8.2	0.028		103,070	22				
23			2.0		0.002	13,193			0.006		31,605			0.005		31,327		7.9	0.015		110,955	23				
24			2.0		0.003	15,190			0.011		31,594			0.005		31,322		6.5	0.015		117,440	24				
25			2.0		0.003	17,187			0.011		31,583			0.0		31,322		5.2	0.048		122,592	25				
26			2.0		0.003	19,184			0.005		31,578			0.005		31,317		4.4	0.049		126,943	26				
27			2.0		0.004	21,180			0.011		31,567			0.005		31,312		4.4	0.034		131,309	27				
28			2.0		0.008	23,172			0.011		31,556			0.005		31,307		4.4	0.052		135,657	28				
29			2.0		0.009	25,165			0.005		31,545			0.005		31,302							29			
30			2.0		0.010	27,153			0.011		31,540			0.005		31,297							30			
31									0.005		31,535			0.005		31,292							31			
TOTAL		27.2	22.8	0.094			4.7		0.318					0.1	0.141		105.0		0.635			TOTAL				
DAY	MARCH 1977						APRIL 1977						MAY 1977						JUNE 1977						DAY	
1		3.1		0.035		138,722	3.7		0.089		217,390	11.6		0.190		509,210			0.515		799,236	1				
2		2.4		0.093		141,069	4.6		0.113		221,877	12.1		0.192		521,118			0.409		798,827	2				
3		2.4		0.094		143,415	4.6		0.115		226,362	12.1		0.259		532,959		0.0	0.464		798,353	3				
4		2.4		0.094		145,761	7.0		0.141		231,221	11.6		0.262		544,297		7.7	0.492		805,571	4				
5		2.4		0.095		148,106	8.5		0.144		241,577	11.5		0.232		555,565		12.3	0.400		817,471	5				
6		2.4		0.092		150,451	9.8		0.172		251,205	11.2		0.011		566,564		12.3	0.431		829,340	6				
7		2.4		0.074		152,740	10.3		0.175		261,330	10.3		0.135		576,729		12.4	0.527		841,213	7				
8		2.4		0.056		155,084	10.4		0.126		271,604	10.5		0.068		587,161		12.4	0.341		853,272	8				
9		2.4		0.019		157,465	10.3		0.077		281,827	11.7		0.069		598,798		12.6	0.092		857,780	9				
10		2.4		0.097		159,808	10.4		0.131		292,096	11.6		0.139		610,253		0.0	0.298		857,542	10				
11		2.4		0.098		162,150	10.4		0.160		302,336	11.8		0.105		621,948		7.3	0.357		864,485	11				
12		2.4		0.098		164,492	10.4		0.190		312,546	12.1		0.141		633,907		11.7	0.389		875,796	12				
13		2.4		0.068		166,834	10.4		0.165		322,781	12.0		0.071		645,836		11.7	0.391		887,105	13				
14		2.4		0.059		169,177	10.4		0.196		332,985	11.5		0.179		657,157		11.7	0.395		898,410	14				
15		2.4		0.059		171,516	10.4		0.225		343,160	11.8		0.325		668,632		11.8	0.460		909,750	15				
16		2.2		0.020		173,696	10.3		0.197		353,263	12.0		0.253		680,379		11.0	0.433		920,317	16				
17		2.3		0.060		175,936	10.2		0.364		363,267	12.0		0.364		692,015		10.3	0.499		930,118	17				
18		2.4		0.040		178,296	10.2		0.224		373,243	11.3		0.257		703,098		9.2	0.441		940,877	18				
19		2.4		0.061		180,635	10.6		0.255		383,288	11.6		0.332		714,266		8.0	0.443		946,434	19				
20		2.4		0.061		182,974	10.7		0.287		394,001	12.0		0.370		725,956		7.3	0.364		953,350	20				
21		2.4		0.082		185,292	10.6		0.261		404,340	11.8		0.404		737,252		7.1	0.519		959,931	21				
22		2.4		0.101		187,609	10.6		0.235		414,705	11.8		0.289		748,463		7.1	0.622		966,469	22				
23		3.6		0.021		190,106	10.6		0.296		425,009	0.0		0.176		741,887		6.4	0.688		972,181	23				
24		4.4		0.063		195,443	10.6		0.210		435,339	7.7		0.210		748,777		5.2	0.569		976,812	24				
25		4.4		0.021		199,822	10.6		0.242		445,757	12.3		0.317		760,760		4.5	0.574		980,798	25				
26		3.0		0.096		202,736	10.6		0.183		456,174	12.3		0.318		772,742		4.5	0.615		984,623	26				
27		2.2		0.108		204,628	10.6		0.215		466,599	12.3		0.352		784,690		1.7	0.657		988,666	27				
28		2.2		0.096		206,942	10.6		0.207		476,922	12.3		0.387		796,603		0.0	0.283		985,143	28				
29		2.3		0.109		209,333	10.6		0.238		487,294	12.3		0.484		807,719		0.0	0.496		984,647	29				
30		2.4		0.066		211,467	10.6		0.094		497,800	0.0		0.473		800,246		0.609			984,038	30				
31		2.4		0.098		213,779								0.495		799,751						TOTAL				
TOTAL		80.1		1.978			289.6		5.579			310.0		8.049			198.2		13.913			TOTAL				
DAY	JULY 1977						AUGUST 1977						DECEMBER 1977						AUGUST 1978						DAY	
1				0.618		983,420			1.006		959,018											1				
2				0.701		982,719			1.041		957,977											2				
3				0.673		982,046			0.997		956,980											3				
4				0.668		981,438			0.791		956,189											4				
5				0.617		980,821			0.901		955,288											5				
6				0.666		980,155			0.845		954,443											6				
7				0.777		979,368			0.699		953,744								0.0				7			
8				0.689		978,709			0.902		952,842								7.4	0.004		7,396	8			
9				0.743		977,966			0.933		951,909								11.9	0.012		19,284	9			
10				0.714		977,252			1.061		950,848															



Table C-20 (Cont'd)

FLIMING DITCH COMPANY  
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
SEPTEMBER 1976																						
1																						1
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9	0.0	0.0	0.0		0.0																	9
10	6.1	5.0	0.002		1.099																	10
11	9.7	7.9	0.002		4.696																	11
12	9.5	7.9	0.003		6.293																	12
13	9.3	7.9	0.003		7.690																	13
14	9.3	7.9	0.004		9.086																	14
15	9.4	7.9	0.004		10.480																	15
16	9.3	7.9	0.009		12.175																	16
17	9.5	7.9	0.008		13.763																	17
18	9.5	7.9	0.008		15.355																	18
19	9.5	7.9	0.009		16.946																	19
20	9.3	7.9	0.011		18.535																	20
21	9.2	7.9	0.012		19.623																	21
22	9.1	7.9	0.013		20.808																	22
23	9.1	7.9	0.013		21.796																	23
24	9.1	7.9	0.013		23.177																	24
25	8.9	10.4	0.016		21.661																	25
26	6.7	14.4	0.010		15.931					0.0					9.847							26
27	8.7	15.9	0.009		8.746	6.2		0.001		6.199					9.845							27
28	8.6	15.9	0.002		1.445	3.7		0.002		9.897					9.844							28
29	4.1	5.6			0.0										9.843							29
30															9.842							30
31															9.840							31
TOTAL	185.8	185.7	0.155			9.9		0.003						0.057					0.064			TOTAL
SEPTEMBER 1976																						
FEBRUARY 1979																						
MARCH 1979																						
APRIL 1979																						
MAY 1979																						
JUNE 1979																						
JULY 1979																						
AUGUST 1979																						
SEPTEMBER 1979																						
OCTOBER 1979																						
NOVEMBER 1979																						
DECEMBER 1979																						

Table C-20 (Cont'd)

FLEMING DITCH COMPANY  
FROM KECKHOM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																												
JANUARY 1980										FEBRUARY 1980										MARCH 1980										APRIL 1980																			
1			0.03		284,061			0.015		284,449			0.015		283,465			0.072		282,056	1																												
2			0.069		284,592			0.031		284,118			0.023		283,142			0.072		281,964	2																												
3			0.035		284,857			0.008		284,410			0.015		283,427			0.074		281,910	3																												
4			0.035		284,922			0.008		284,402			0.031		283,396			0.028		281,882	4																												
5			0.0		284,522			0.017		284,385			0.015		283,381			0.009		281,873	5																												
6			0.016		284,886			0.009		284,376			0.015		283,366			0.064		281,809	6																												
7			0.037		284,849			0.026		284,350			0.045		283,321			0.055		281,754	7																												
8			0.038		284,811			0.045		284,305			0.053		283,268			0.079		281,682	8																												
9			0.0		284,311			0.047		284,258			0.054		283,214			0.081		281,601	9																												
10			0.034		284,777			0.049		284,209			0.023		283,191			0.072		281,529	10																												
11			0.028		284,749			0.051		284,148			0.039		283,152			0.090		281,439	11																												
12			0.007		284,742			0.053		284,099			0.031		283,121			0.108		281,331	12																												
13			0.017		284,725			0.011		284,073			0.038		283,083			0.107		281,224	13																												
14			0.005		284,720			0.023		284,050			0.038		283,045			0.079		281,145	14																												
15													0.038		283,007			0.079		281,066	15																												
16			0.005		284,715			0.022		284,008			0.053		282,954			0.104		280,962	16																												
17			0.005		284,710			0.028		284,000			0.038		282,916			0.112		280,850	17																												
18			0.011		284,699			0.029		283,971			0.031		282,885			0.094		280,756	18																												
19			0.017		284,682			0.028		283,869			0.053		282,832			0.103		280,653	19																												
20			0.017		284,665			0.024		283,845			0.069		282,763			0.068		280,585	20																												
21			0.018		284,647			0.041		283,804			0.031		282,732			0.078		280,507	21																												
22			0.012		284,635			0.036		283,768			0.062		282,670			0.044		280,463	22																												
23			0.019		284,616			0.025		283,743			0.071		282,599			0.036		280,427	23																												
24			0.019		284,597			0.032		283,711			0.008		282,518			0.053		280,374	24																												
25			0.007		284,590			0.052		283,659			0.008		282,510			0.039		280,305	25																												
26			0.013		284,577			0.053		283,606			0.034		282,476			0.075		280,230	26																												
27			0.020		284,557			0.041		283,565			0.051		282,425			0.081		280,149	27																												
28			0.028		284,529			0.049		283,516			0.060		282,365			0.039		280,110	28																												
29			0.007		284,522			0.036		283,480			0.078		282,287			0.008		280,102	29																												
30			0.036		284,486								0.088		282,199			0.053		280,049	30																												
31			0.022		284,464			0.084					0.071		282,128						31																												
TOTAL			0.631								1.352						2.073				TOTAL																												
MAY 1980										JUNE 1980										AUGUST 1980										FOOTNOTES																			
1			0.038		280,011			0.084		277,645											a	242.5 acre-feet diverted in Consolidated Peoples Ditch Company.	1																										
2			0.096		279,915			0.083		277,562											b	Transferred to Tulare Irrigation District.	2																										
3			0.060		279,935			0.081		277,481											c	Released for diversion in Lower Kaweah.	3																										
4			0.113		279,722			0.083		277,398											d	Released because Terminus Reservoir above allowable storage.	4																										
5			0.097		279,625			0.082		277,316											e	Transferred to Cakes Ditch Company.	5																										
6			0.081		279,544			0.077		277,239											f	Transferred to Consolidated Peoples Ditch Company.	6																										
7			0.080		279,464			0.089		277,150											g	Transferred from Cakes Ditch Company.	7																										
8			0.093		279,371			0.091		277,059			0.0								h	Storage adjusted to maximum allowable - see Fleming Ditch Company (from Lower Kaweah).	8																										
9			0.013		279,358			0.094		276,955		0.0		0.004	6.096						i	Transferred to Fleming Ditch (Lower Kaweah).	9																										
10			0.052		279,306			0.093		276,872		6.1											10																										
11			0.052		279,254			0.092		276,780		9.7											11																										
12			0.059		279,195			0.076		276,704		10.0											12																										
13			0.059		279,136			0.081		276,623		10.9											13																										
14			0.016		279,090			0.092		276,531		11.3											14																										
15			0.029		279,010			0.105		276,426		11.3											15																										
16			0.086		278,924			0.101		276,325		11.3											16																										
17			0.110		278,834			0.101		276,224		11.3											17																										
18			0.127		278,687			0.099		276,129		11.3											18																										
19			0.135		278,592			0.102		276,027		11.3											19																										
20			0.119		278,433			0.081		275,946		11.3											20																										
21			0.081		278,352			0.091		275,855		11.3											21																										
22			0.074		278,278			0.084	-275.8	0.0		11.3											22																										
23			0.056		278,222							11.3											23																										
24			0.044		278,178							11.3											24																										
25			0.076		278,102							4.2											25																										
26			0.074		278,028							0.0											26																										
27			0.073		277,955																		27																										
28			0.041		277,914																		28																										
29			0.050		277,864																		29																										
30			0.068		277,796																		30																										
31			0.067		277,729																		31																										
TOTAL			2.320					1.958	-275.8		165.2		0.378	-164.8							TOTAL																												

Table C-21'

KAWAHAU DELTA WATER CONSERVATION DISTRICT

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY			
DAY	JUNE 1978					JULY 1978					AUGUST 1978					SEPTEMBER 1978					DAY			
1						167.6		4.178		12518.949	331.1	2.492			4487.061						497.598	1		
2						123.1		3.990		12638.079	359.6	2.370			4119.111						11.518	2		
3						28.6		4.304		12858.295	403.5	2.222			3713.389						0.0	3		
4							2.6	4.349		12645.346	386.1	1.441			3325.848						0.0	4		
5						69.4		4.310		12571.636	364.1	1.919			2959.829		1809.102				1809.102	5		
6						160.4	4.627		12406.609	141.6	2.299			2815.830		1814.0		1.323			3631.779	6		
7						260.9	4.916		12140.793	53.3	1.951			2760.979		1082.8		2.047			4702.532	7		
8						275.7	4.817		11860.276	151.3	1.540			2607.849		987.6		2.962			5687.190	8		
9						211.9	5.275		11641.103	256.7	1.444			2351.709		971.748		3.443			6655.495	9		
10						137.3	5.065		11500.738	287.6	1.416			2064.689		764.648		3.213			7416.930	10		
11						167.4	4.171		11389.167	287.6	1.063			1776.066		167.8		3.299			7581.431	11		
12						206.0	3.916		11119.291	302.6	0.906			1470.950		110.1		4.046			7687.485	12		
13						233.1	4.615		10881.536	303.379	0.767			1168.414		112.8		3.447			7794.838	13		
14						293.9	4.203		10583.433	335.0	0.546			832.868		187.5		3.520			7978.818	14		
15						312.7	4.119		10266.614	229.1	0.402			533.366		268.927		5.064			8242.661	15		
16						283.9	4.213		9978.501	213.2	0.208			319.958		269.2		5.949			8405.932	16		
17						294.5	4.464		9679.537	132.7	0.152			187.106		251.8		5.351			8752.361	17		
18						297.1	4.560		9377.877	74.3	0.076			112.730		239.5		4.721		-868.811	8953.424	18		
19						308.2	4.036		9065.641	101.3	0.153			213.877		248.9		4.393			8362.856	19		
20						321.9	4.450		8739.291	176.5	0.317			390.060		242.9		5.292			8600.464	20		
21						316.0	3.630		8419.661	176.2	0.398			565.862		237.5		5.462			8832.502	21		
22						297.9	3.728		8118.033	115.5	0.451			680.911		226.0		6.422			9052.080	22		
23						314.4	4.245		7799.468	85.0	0.474			765.437		200.5		6.606			9245.974	23		
24						335.5	3.590		7460.288	82.439	0.587			852.309		186.3		5.216			9465.950	24		
25						388.1	1.968		7130.290	95.417	0.650			982.166		171.6		6.280			9591.040	25		
26						320.1	2.888		6807.242	265.7	0.751			1207.109		143.0		6.191			9727.849	26		
27						344.2	3.924		6450.088	380.794	1.164			1546.735		132.5		5.295			9853.424	27		
28	83.1		3.337		11966.000	410.0	2.855		6047.233	120.7	1.316			1706.119		116.0		5.583			9961.841	28		
29	17.5		3.577		12180.106	421.8	2.482		5612.951	58.6	1.361			1646.158		97.94		6.681			10055.105	29		
30	173.2		3.779		12349.527	424.1	2.594		5186.257	63.5	1.249			1581.409		82.7		7.817			10129.968	30		
31						363.1	2.484		4800.673	179.979	0.994			1100.476								10210.482	31	
TOTAL	394.2		10.673			315.3	7722.1	122.054		1599.550	5286.858	32.889			1120.37	2099.981	122.065	-868.811			TOTAL			
DAY	APRIL 1979					MAY 1979					JUNE 1979					JULY 1979					DAY			
1						53.1		0.028		130.493	0.0				4834.384						355.308	1		
2						36.5		0.036		166.977	98.0				4930.243						236.313	2		
3						41.2		0.097		208.100	217.5				5145.730						206.236	3		
4						99.6		0.092		307.608	287.4				5431.245						190.764	4		
5						128.9		0.124		436.384	127.7				5596.872						181.298	5		
6						468.6	0.229		904.755	19.8	0.0				5574.369						179.524	6		
7						662.7	0.240		1567.215	0.0	48.4				5524.063						177.745	7		
8						553.7	0.240		2120.675		126.5				5595.242						171.860	8		
9						454.8	0.628		2974.847	148.8	2.266				5244.176						157.067	9		
10						167.0	0.820		2743.027	148.8	2.338				5093.068		0.0		5.2		0.076	151.191	10	
11						7.9	0.921		2748.006	148.8	2.576				4941.692						0.070	163.729	11	
12						14.1	1.121		2760.985	106.6	2.095				4833.097		12.0				0.068	173.441	12	
13						24.1	1.214		2781.811	51.2	1.698				4740.139		0.0				0.029	173.862	13	
14						27.7	1.254		2810.317	129.5	1.540				4609.999						0.102	173.240	14	
15						32.8	1.043		2842.074	189.8	1.436				4417.863						0.114	173.126	15	
16						40.7	0.888		2881.886	209.3	1.448				4207.115						0.127	172.999	16	
17						68.5	1.039		2949.347	211.3	1.091				3994.724						0.113	172.886	17	
18						231.1	0.963		2993.884	271.3	1.314				3722.110						0.113	172.773	18	
19						492.7	1.066		3161.988	319.2	1.228				3403.692						15.5	157.157	19	
20							1.188		3653.440	293.9	1.134				3160.658						0.0	0.063	157.094	20
21						649.3	1.033		4303.707	227.9	1.116				2877.612						0.071	157.053	21	
22						403.0	1.106		4703.601	222.7	0.900				2654.012						0.101	156.922	22	
23						111.8	1.185		4814.216	223.7	0.872				2429.440						0.095	156.827	23	
24						17.1	1.590		4829.786	277.1	0.889				2151.468						0.118	156.709	24	
25						0.0	1.647		4828.079	273.3	0.751				1877.417						0.118	136.591	25	
26						0.0	1.767		4826.312		310.7				1566.162						0.104	136.487	26	
27	0.0		0.0		0.0	11.2	1.450		4836.032	302.8	0.499				1262.867						0.091	136.396	27	
28	18.5		0.004	-14.5	3.948	6.7	1.361		4841.391	197.9	0.423				1064.944						0.104	119.004	28	
29	32.3		0.010		36.238	0.0	1.477		4839.914	190.4	0.321				813.780						0.071	67.733	29	
30	41.2		0.017		77.421	1.679	1.694		4836.551	250.0	0.243				623.968						0.058	67.575	30	
31						0.0										22.3					0.058	89.787	31	
TOTAL	92.0		0.031	-14.5		4792.8	4.5	29.170		750.4	491.99	43.488			44.1	537.7	2.901	-37.3			TOTAL			
DAY	AUGUST 1979					SEPTEMBER 1979					OCTOBER 1979					NOVEMBER 1979					DAY			
1						0.091				36.718												13414.000	1	
2		3.9	0.091		85.796	0.033				36.677												13414.000	2	
3		7.3	0.085		78.411	0.041				36.644												13414.000	3	
4		6.8	0.053		93.976	0.033				36.611												13414.000	4	
5		4.4	0.052		48.173	0.041				36.570												13414.000	5	
6		0.0	0.048		48.125	0.040				36.530												13309.332	6	
7		0.0	0.060		103.143	0.040				36.490												13404.639	7	
8		0.0	0.131		103.012	0.032				36.458												13399.921	8	
9		71.0	0.193		113.777	0.040				36.418												13395.553	9	
10		0.0	0.151		83.626	0.040				36.378			</											

Table C-21 (Cont'd)

KANEAN DELTA WATER CONSERVATION DISTRICT

DAY	AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY						
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1		193.5	6.06		10854.092		994.0	6.824		9811.660											1	
2		123.2	6.267		10724.985		726.3	6.578		9078.702											2	
3		204.4	5.839		10934.346		387.6	6.244		8684.638											3	
4		209.5	5.225		10299.621		289.5	7.028		8389.110											4	
5		256.2	5.213		10038.208		323.4	6.170		8099.540											5	
6		379.7	5.138		9653.370		260.9	6.691		7791.949											6	
7		446.4	4.834		9202.136		242.4	5.013		7544.536											7	
8		347.8	4.852		8980.884		409.0	5.003		7131.533											8	
9		640.1	5.560	-100.0 <sup>g</sup>	8223.124		136.3	4.658		6990.581											9	
10			5.987	-20.0 <sup>g</sup>	9837.237	85.9		5.406		7071.039											10	
11		274.1	6.057	-100.0 <sup>g</sup>	10005.280		291.6	5.037		6774.402											11	
12		107.9	5.997		10107.223		857.4	4.349		5912.653											12	
13		64.5	5.921		10165.732		1068.9	3.957		4839.796											13	
14		92.8	4.734	-50.0 <sup>g</sup>	10018.198		1055.4	2.699		3781.697											14	
15		170.3	3.998		9843.900		1150.6	1.515		2689.582											15	
16		317.4	4.796	-155.0 <sup>g</sup>	10001.504		1086.5	1.017		1542.065											16	
17		677.1	5.467	-150.0 <sup>g</sup>	10283.137		857.4	0.953		1153.812											17	
18		669.7	5.507		11187.330	25.3		1.009		1178.103												18
19		712.2	4.903	-100.0 <sup>g</sup>	11794.627	23.8		0.530		1201.373												19
20		772.5	6.774	-100.0 <sup>g</sup>	12460.353	25.0		0.930		1225.443												20
21		832.1	6.872	-100.0 <sup>g</sup>	13185.581	24.6		0.979		1249.064												21
22		804.0	6.491		13983.090		8.3	1.002		1239.774												22
23		771.1	7.894		14746.296		86.0	1.123		1152.651												23
24		751.6	9.259		15488.001	35.5		1.156		1187.023												24
25		694.4	10.436		15971.965	37.7		1.183		1223.540												25
26			137.9	9.059	15824.913	16.3		1.198		1238.642												26
27			653.3	9.148	15162.462	0.0		1.196		1237.446												27
28			998.3	9.547	14154.615			0.797		1236.649												28
29			1076.6	7.755	13070.289			1.008		1235.641												29
30			1136.1	6.982	11827.207			1.217		1234.424												30
31			1107.1	7.668	10812.479																	31
TOTAL	5236.5	7401.7	200.876	-875.0		274.1	9759.4	92.764													TOTAL	
DAY																					DAY	
1																					1	
2																					2	
3																					3	
4																					4	
5																					5	
6																					6	
7																					7	
8																					8	
9																					9	
10																					10	
11																					11	
12																					12	
13																					13	
14																					14	
15																					15	
16																					16	
17																					17	
18																					18	
19																					19	
20																					20	
21																					21	
22																					22	
23																					23	
24																					24	
25																					25	
26																					26	
27																					27	
28																					28	
29																					29	
30																					30	
31																					31	
TOTAL																					TOTAL	

Table C-22

KAWAHA DELTA WATER CONSERVATION DISTRICT  
FROM CENTRAL VALLEY PROJECT

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
																						FEBRUARY 1979
1																						1
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9																						9
10																						10
11																						11
12																						12
13																						13
14																						14
15																						15
16																						16
17																						17
18																						18
19																						19
20																						20
21																						21
22																						22
23																						23
24																						24
25																						25
26																						26
27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL	365.7	6.541				3052.2	13.840				127.2	1273.6	3.367								TOTAL	
DAY																						DAY
1																						1
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9																						9
10																						10
11																						11
12																						12
13																						13
14																						14
15																						15
16																						16
17																						17
18																						18
19																						19
20																						20
21																						21
22																						22
23																						23
24																						24
25																						25
26																						26
27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL																						TOTAL



Table C-23 (Cont'd)

CAHNS DITCH COMPANY  
FROM LOWER KANAWHA

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																	
APRIL 1977																						MAY 1977					JUNE 1977					DECEMBER 1977						
1																					1																	
2																					2																	
3																					3																	
4																					4																	
5																					5																	
6																					6																	
7																					7																	
8																					8																	
9																					9																	
10																					10																	
11																					11																	
12																					12																	
13																					13																	
14																					14																	
15																					15																	
16	9.9		0.006		9.994																16																	
17	15.6		0.014		25.406																17																	
18	11.8		0.002		37.258																18																	
19	3.6		0.007		40.811																19																	
20	0.0		0.030		40.841																20																	
21			0.006		40.773	9.7															21																	
22			0.003		40.758	15.2															22																	
23			0.005		40.729	15.2															23																	
24			0.000		40.706	15.2															24																	
25			0.002		40.682	5.9															25																	
26			0.016		40.666	0.0															26																	
27			0.019		40.647	0.0															27																	
28			0.001		40.626	9.7															28																	
29			0.028		40.608	15.1															29																	
30			0.008		40.600	14.5															30																	
31						14.5															31																	
TOTAL	40.9		0.300			115.7			0.808							105.2			0.075	-105.1 <sup>b</sup>	TOTAL																	
JUNE 1978																						JULY 1978					AUGUST 1978					SEPTEMBER 1978						
1																					1																	
2																					2																	
3																					3																	
4																					4																	
5																					5																	
6																					6																	
7																					7																	
8																					8																	
9																					9																	
10																					10																	
11																					11																	
12																					12																	
13																					13																	
14																					14																	
15																					15																	
16																					16																	
17																					17																	
18																					18																	
19																					19																	
20																					20																	
21																					21																	
22																					22																	
23																					23																	
24																					24																	
25																					25																	
26																					26																	
27																					27																	
28																					28																	
29																					29																	
30																					30																	
31																					31																	
TOTAL	22.8		0.286			30.7	23.4	4.245								39.2	2.891				21.8	21.8	0.040	TOTAL														
FEBRUARY 1979																						MARCH 1979					APRIL 1979					MAY 1979						
1																					1																	
2																					2																	
3																					3																	
4																					4																	
5																					5																	
6																					6																	
7																					7																	
8																					8																	
9																					9																	
10																					10																	
11																					11																	
12																					12																	
13																					13																	
14																					14																	
15																					15																	
16																					16																	
17																					17																	
18																					18																	
19																					19																	
20																					20																	
21	0.0																				21																	
22	10.0		0.001		9.999																22																	
23	15.7		0.003		25.696	0.8															23																	
24	14.3		0.005		40.191	0.9															24																	
25	13.1		0.011		33.280	1.0															25																	
26	14.1		0.014		67.366	1.1															26																	
27	14.7		0.016		82.050	1.2															27																	
28	14.7		0.009		96.741	0.5															28																	
29	15.2		0.002		111.919	13.3															29																	
30	15.4		0.004		127.295	21.3															30																	
31						15.8															31																	
TOTAL	127.4		0.105			345.5			1.818							280.6	4.173				62.9	11.9	7.29 <sup>a</sup>	-100.0 <sup>c</sup>	TOTAL													

Table C-23 (Cont'd)

OAKES DITCH COMPANY  
FROM LOWER KAWAIAI

DAY	JUNE 1979					JULY 1979					OCTOBER 1979					NOVEMBER 1979					DAY						
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE							
1																											
2	2.0	0.174			389,192	2.0	0.105			239,333												0.005			9,846	1	
3	2.0	0.169			397,064	3.0	0.090			223,213												0.005			9,841	2	
4	2.0	0.133			384,873	13.4	0.078			205,765												0.005			9,836	3	
5	2.0	0.142			382,740	16.5	0.073			193,129												0.003			9,833	4	
6					380,598	22.0	0.063			171,189												0.004			9,829	5	
7	2.0	0.156			378,442	30.5	0.058			140,571												0.004			9,825	6	
8	2.0	0.130			376,312	31.1	0.048			109,423												0.004			9,821	7	
9	3.2	0.160			372,952	25.9	0.041			81,482												0.004			9,817	8	
10	4.0	0.159			368,793	13.0	0.040			69,442												0.003			9,814	9	
11	4.0	0.169			364,624	11.5	0.029			57,913												0.003			9,811	10	
12	4.0	0.188			360,436	17.0	0.017			40,896												0.003			9,808	11	
13	1.5	0.153			358,783	15.9	0.013			24,983												0.004			9,804	12	
14	0.0	0.128			358,655	9.6	0.009			15,374												0.004			9,800	13	
15	6.2	0.118			352,337	6.9	0.005			8,469												0.003			9,797	14	
16	9.9	0.111			342,326	6.9	0.001			1,568												0.005			9,792	15	
17	11.2	0.114			331,012	1.6	0.0			0.0												0.004			9,788	16	
18	11.9	0.067			319,029																	0.001			9,787	17	
19	11.9	0.106			307,017																	0.001			9,786	18	
20	9.4	0.107			297,510						0.0											0.001			9,785	19	
21	7.9	0.100			289,504						6.2											0.001			9,782	20	
22	9.2	0.112			280,192						3.7											0.004			9,779	21	
23	7.4	0.092			272,700						0.0											0.001			9,778	22	
24	6.0	0.096			266,604						0.007											0.003			9,775	23	
25	6.0	0.100			260,496						0.007											0.003			9,774	24	
26	6.0	0.102			254,394						0.003											0.003			9,771	25	
27	6.0	0.088			248,306						0.002											0.003			9,768	26	
28	3.5	0.099			242,211						0.003											0.001			9,767	27	
29	3.5	0.099			238,616						0.003											0.003			9,764	28	
30	2.0	0.087			236,529						0.003											0.003			9,761	29	
31	2.0	0.091			234,438						0.005											0.003			9,758	30	
TOTAL	151.2	3.728				233.8	0.670			9.9	0.049										0.093				TOTAL		
DAY	DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					MARCH 1980					DAY						
1																											
2	0.003				9,755	0.001				9,694	0.001				9,674	0.001						0.001			9,640	1	
3	0.004				9,751	0.001				9,652	0.001				9,673	0.001						0.001			9,639	2	
4	0.004				9,747	0.001				9,691	0.001				9,673	0.001						0.001			9,638	3	
5	0.003				9,743	0.001				9,690	0.001				9,673	0.001						0.001			9,637	4	
6	0.003				9,740	0.001				9,650	0.001				9,672	0.001						0.001			9,636	5	
7	0.003				9,737	0.001				9,689	0.001				9,672	0.001						0.001			9,635	6	
8	0.003				9,734	0.001				9,688	0.001				9,671	0.002						0.002			9,633	7	
9	0.003				9,730	0.001				9,687	0.002				9,669	0.002						0.002			9,631	8	
10	0.001				9,727	0.001				9,687	0.002				9,667	0.002						0.002			9,629	9	
11	0.0				9,726	0.001				9,686	0.002				9,665	0.001						0.001			9,628	10	
12	0.001				9,725	0.0				9,685	0.002				9,663	0.001						0.001			9,627	11	
13	0.003				9,725	0.0				9,685	0.002				9,661	0.001						0.001			9,626	12	
14	0.001				9,722	0.0				9,685	0.0				9,661	0.001						0.001			9,625	13	
15	0.001				9,721	0.001				9,684	0.001				9,661	0.001						0.001			9,624	14	
16	0.001				9,720	0.001				9,684	0.001				9,660	0.001						0.001			9,623	15	
17	0.003				9,717	0.0				9,684	0.001				9,659	0.002						0.002			9,621	16	
18	0.003				9,714	0.0				9,684	0.001				9,658	0.001						0.001			9,620	17	
19	0.003				9,709	0.0				9,684	0.001				9,657	0.001						0.001			9,619	18	
20	0.003				9,706	0.001				9,683	0.003				9,654	0.002						0.002			9,617	19	
21	0.003				9,703	0.001				9,682	0.001				9,653	0.002						0.002			9,615	20	
22	0.0				9,703	0.001				9,681	0.001				9,652	0.001						0.001			9,614	21	
23	0.001				9,702	0.0				9,681	0.001				9,651	0.002						0.002			9,612	22	
24	0.001				9,701	0.001				9,680	0.001				9,650	0.002						0.002			9,610	23	
25	0.001				9,700	0.001				9,679	0.001				9,649	0.003						0.003			9,607	24	
26	0.001				9,699	0.0				9,679	0.002				9,647	0.0						0.0			9,607	25	
27	0.0				9,699	0.0				9,679	0.002				9,645	0.001						0.001			9,606	26	
28	0.001				9,698	0.001				9,678	0.001				9,644	0.002						0.002			9,604	27	
29	0.001				9,697	0.001				9,678	0.002				9,642	0.002						0.002			9,602	28	
30	0.001				9,696	0.0				9,677	0.001				9,641	0.003						0.003			9,599	29	
31	0.001				9,696	0.001				9,676	0.001				9,641	0.003						0.003			9,596	30	
TOTAL		0.063					0.020				0.034											0.047				TOTAL	
DAY	APRIL 1980					MAY 1980					JUNE 1980					JULY 1980					DAY						
1																											
2	0.002				9,599	0.001				9,523	0.003				9,410										383,000	1	
3	0.008				9,590	0.003				9,520	0.003				9,437										383,000	2	
4	0.003				9,587	0.003				9,517	0.003				9,434										383,000	3	
5	0.001				9,586	0.004				9,513	0.003				9,431										383,000	4	
6	0.0				9,586	0.003				9,510	0.003				9,428										383,000	5	
7	0.002				9,584	0.003				9,507	0.003				9,425			1.2				0.134			384,066	6	
8	0.002				9,582	0.003				9,504	0.003				9,422			14.3				0.139			396,227	7	
9	0.002				9,580	0.003				9																	



Table C-23 (Cont'd)

OAKES DITCH COMPANY  
FROM LOWER KAWIAH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
AUGUST 1980											SEPTEMBER 1980											FOOTNOTES	
1	3.7		0.271		489,531	2.1	0.218			313,231						a					1		
2	0.0		0.286		489,245	2.8	0.225			310,206						b					2		
3		0.0	0.272		488,973	6.5	0.229			303,477						c					3		
4		6.2	0.245		482,526	5.0	0.250			296,227						d					4		
5		13.6	0.243		468,685	3.7	0.225			294,302						e					5		
6			0.241		452,544	4.1	0.249			289,953											6		
7		15.9	0.229		436,415	4.2	0.190			285,263											7		
8		15.9	0.227		420,288	4.1	0.197			281,266											8		
9		9.7	0.245		410,343	4.1	0.184			276,982											9		
10		5.9	0.245		404,198	4.2	0.206			272,574											10		
11		12.1	0.235		391,863	1.4	0.204			273,770											11		
12		15.9	0.221		375,742	3.8	0.204			277,366											12		
13		7.2	0.214		365,388	3.2	0.229			280,337											13		
14		5.7	0.170		362,458	3.2	0.202			283,335											14		
15		10.4	0.143		351,915	3.3	0.165			286,470											15		
16		11.9	0.160		339,855	3.8	0.191			290,079											16		
17		11.9	0.168		327,787	4.0	0.243			293,836											17		
18		11.9	0.155		315,732	3.6	0.255			297,181											18		
19		4.5	0.128		311,104	3.4	0.133			300,448											19		
20		0.0	0.168		310,936	3.6	0.239			303,818											20		
21		6.2	0.158		304,578	3.5	0.241			307,077											21		
22		9.9	0.137		291,541	3.4	0.251			310,226											22		
23		9.9	0.130		284,489	3.4	0.305			313,321											23		
24		9.9	0.176		274,413	3.0	0.308			316,013											24		
25		10.3	0.172		263,941	2.9	0.308			318,605											25		
26		16.7	0.142		247,099	1.1	0.309			319,396											26		
27		20.5	0.137		226,462	0.0	0.308			319,088											27		
28		18.0	0.141	+135.4	206,321		0.205			315,883											28		
29		12.8	0.116		330,759		0.260			318,621											29		
30		10.5	0.187		320,072		0.314			318,309											30		
31		4.3	0.223		315,549																31		
TOTAL	3.7	303.6	6.007	+135.4		50.6	40.8	7.040													TOTAL		
DAY																					DAY		
1																					1		
2																					2		
3																					3		
4																					4		
5																					5		
6																					6		
7																					7		
8																					8		
9																					9		
10																					10		
11																					11		
12																					12		
13																					13		
14																					14		
15																					15		
16																					16		
17																					17		
18																					18		
19																					19		
20																					20		
21																					21		
22																					22		
23																					23		
24																					24		
25																					25		
26																					26		
27																					27		
28																					28		
29																					29		
30																					30		
31																					31		
TOTAL																					TOTAL		

Table C-24

DAKES DITCH COMPANY  
FROM KETCHUM DITCH

OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY		
DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
1					6.0			0.018		130.337			0.031		217.147			0.031		216.179	1	
2					6.0			0.037		135.300			0.031		216.116			0.032		216.147	2	
3					6.0			0.059		142.241			0.031		217.085			0.032		216.115	3	
4					6.0			0.062		148.179			0.031		217.083			0.032		216.083	4	
5					4.6			0.021		152.758			0.062		216.961			0.032		216.051	5	
6					4.0			0.0		156.758			0.031		216.930			0.032		216.019	6	
7	2.6		0.002		2.598			0.023		160.735			0.031		216.899			0.032		215.987	7	
8	4.0		0.004		6.594			0.0		164.835			0.031		216.868			0.032		215.955	8	
9	2.7		0.004		9.290			0.024		168.811			0.031		216.837			0.032		215.923	9	
10	6.2		0.003		12.487			0.029		172.786			0.031		216.806			0.032		215.891	10	
11	5.4		0.007		18.880			0.051		176.735			0.031		216.775			0.0		215.859	11	
12	7.9		0.014		26.766			0.079		180.656			0.0		216.775			0.0		215.894	12	
13	7.9		0.018		34.648			0.081		184.578			0.032		216.775			1.2	0.03	214.658	13	
14	6.8		0.021		41.427			0.109		187.166			0.031		216.744			2.0	0.031	212.625	14	
15	6.0		0.031		47.396			0.111		189.055			0.031		216.713			2.0	0.032	210.593	15	
16	5.9		0.026		53.270			0.056		192.099			0.031		216.682			4.5	0.032	206.030	16	
17	6.0		0.029		59.241			0.029		196.070			0.031		216.651			6.0	0.062	199.968	17	
18	4.7		0.021		63.900			0.059		200.011			0.031		216.620			6.0	0.060	193.908	18	
19	4.0		0.022		67.892			0.060		202.731			0.063		216.597			6.0	0.029	187.879	19	
20	4.0		0.046		71.852			0.061		204.690			0.032		216.525			7.2	0.096	180.623	20	
21	4.0		0.048		75.804			0.062		207.228			0.063		216.462			7.9	0.055	172.668	21	
22	4.0		0.038		79.766			0.063		210.665			0.0		216.430			7.9	0.053	164.715	22	
23	2.7		0.039		82.427			0.063		212.602			0.0		216.430			7.9	0.051	156.764	23	
24	2.0		0.040		84.387			0.032		214.670			0.032		216.398			7.9	0.029	148.839	24	
25	2.0		0.041		86.346			0.064		216.606			0.032		216.366			7.9	0.029	140.915	25	
26	4.4		0.034		90.732			0.065		217.241			0.032		216.334			7.9	0.045	132.970	26	
27	7.2		0.059		97.903			0.032		217.292			0.0		216.334			7.9	0.045	125.027	27	
28	7.9		0.031		105.772			0.029		217.209			0.031		216.303			7.9	0.041	117.086	28	
29	6.7		0.065		112.407			0.0		217.209			0.031		216.272			7.9	0.039	109.147	29	
30	6.0		0.017		118.390			0.031		217.178			0.031		216.241			7.9	0.036	101.211	30	
31	6.0		0.035		124.355			0.031					0.031		216.210			7.9	0.034	93.277	31	
TOTAL	125.0		0.645			94.20		1.377					0.968			121.8			1.133		TOTAL	
FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY		
1		7.9	0.031		85.346	3.7		0.021		171.439	8.3		0.124		422.881			0.239		602.682	1	
2		7.9	0.029		77.417	5.2		0.022		176.617	8.3		0.155		431.026			0.233		602.449	2	
3		7.9	0.026		69.403	8.3		0.029		184.895	8.3		0.094		439.232			0.252		602.197	3	
4		6.7	0.0		61.594	8.3		0.023		193.172	8.3		0.031		447.420			0.246		601.971	4	
5		6.7	0.011		54.880	8.3		0.070		201.402	8.3		0.063		455.738			0.193		601.758	5	
6		2.2	0.010		52.670	8.3		0.048		209.654	8.3		0.158		463.880			0.167		601.591	6	
7		1.2	0.0		51.470	8.3		0.073		217.881	8.3		0.127		472.053			0.235		601.356	7	
8		0.0	0.0		49.470	8.3		0.074		226.107	8.2		0.095		480.158			0.300		601.056	8	
9		4.2	0.0		53.670	8.3		0.025		234.382	8.2		0.096		488.262			0.294		600.762	9	
10		7.9	0.011		61.559	8.3		0.026		242.656	8.3		0.096		496.466			0.266		600.496	10	
11		6.7	0.012		68.247	8.3		0.026		250.930	8.3		0.064		504.702			0.238		600.258	11	
12		6.0	0.013		74.234	8.3		0.080		259.150	8.3		0.096		512.906			0.358		599.900	12	
13		6.0	0.013		80.221	8.3		0.081		267.369	8.3		0.110		521.096			0.388		599.512	13	
14		6.0	0.014		86.107	8.3		0.082		275.587	8.3		0.129		529.267			0.357		599.155	14	
15		5.9	0.015		91.992	8.3		0.083		283.804	8.3		0.097		537.470			0.311		598.844	15	
16		6.0	0.016		97.976	8.3		0.111		291.993	8.3		0.195		545.575			0.305		598.539	16	
17		6.0	0.016		103.960	8.3		0.140		300.153	8.3		0.196		553.679			0.281		598.252	17	
18		4.7	0.014		106.626	8.3		0.084		308.369	8.3		0.164		561.815			0.240		598.018	18	
19		6.0	0.016		111.808	8.3		0.113		316.586	8.3		0.233		569.898			0.238		597.780	19	
20		6.0	0.016		119.790	8.3		0.114		324.742	8.2		0.226		577.857			0.235		597.545	20	
21		6.0	0.038		125.752	8.3		0.115		332.927	8.1		0.228		585.731			6.3	0.253		603.592	21
22		6.0	0.039		131.723	8.3		0.087		341.140	3.1		0.223		593.610			10.2	0.219		613.373	22
23		6.0	0.040		137.673	8.3		0.088		349.352	0.0		0.206		601.404			10.2	0.256		623.517	23
24		4.7	0.041		142.332	8.3		0.118		357.534	0.0		0.241		609.163			10.3	0.240		633.577	24
25		4.0	0.021		146.311	8.3		0.089		365.745	0.0		0.265		616.898			10.3	0.179		643.598	25
26		4.0	0.042		150.269	8.3		0.148		373.897	0.0		0.259		624.639			10.3	0.337		653.561	26
27		4.0	0.043		154.226	8.3		0.060		382.137	5.1		0.257		632.482			10.3	0.377		663.484	27
28		5.7	0.044		159.352	8.3		0.121		390.316	8.1		0.256		640.326			10.3	0.285		673.499	28
29		8.4	0.022		167.760	8.3		0.143		398.479	3.1		0.253		648.173			10.3	0.287		683.512	29
30						8.3		0.183		406.590	0.0		0.252		656.021			10.3	0.251		693.561	30
31						8.3		0.185		414.705					663.874			10.3	0.273		703.588	31
TOTAL	118.8	43.7	0.617			249.6		2.655			193.2		4.984			109.1			8.433		TOTAL	
JUNE 1976					JULY 1976					OCTOBER 1976					NOVEMBER 1976					DAY		
1	10.3		0.315		713.573	24.4		0.330		552.534	5.2		0.001		5.199			0.038		81.672	1	
2	10.3		0.278		723.595	25.6		0.368		556.566	8.3		0.004		13.495			0.033		20.660	2	
3	10.3		0.300		733.595	25.2		0.314		561.052	8.3		0.007		21.788			0.014		20.646	3	
4	7.8		0.327		743.551	25.0		0.349		475.703	7.1		0.012		28.876			0.019		20.639	4	
5					751.024	26.6		0.344		468.759	6.4		0.019		35.257			0.019		20.620	5	
6																						6
7	7.6		0.310		758.314	27.4		0.306		422.053	5.1		0.023		40.334			0.019		20.601	7	
8	8.3		0.271		766.343	27.2		0.299		393.558	4.4		0.035		44.699			0.015		20.586	8	
9	7.1		0.233		773.210	27.6		0.282		365.676	4.4		0.032		49.067			0.011		20.575	9	
10	6.4		0.260		779.350	24.3		0.253		34												

Table C-24 (Cont'd)

CANON DITCH COMPANY  
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
DECEMBER 1976																						JANUARY 1977					FEBRUARY 1977					MARCH 1977					DAY
1			0.007		20.462			0.003		20.260			0.003		20.175	3.1		0.086		101.617	1																
2			0.007		20.456			0.003		20.253			0.003		20.172	2.4		0.039		103.978	2																
3			0.007		20.448			0.003		20.250	0.0		0.003		20.166	2.4		0.040		106.338	3																
4			0.007		20.441			0.003		20.247	1.5		0.007		21.699	2.4		0.040		109.699	4																
5			0.007		20.434			0.003		20.244	2.4		0.007		24.052	2.4		0.041		111.057	5																
6			0.007		20.427			0.003		20.241	2.5		0.004		26.548	2.4		0.069		113.388	6																
7			0.007		20.420			0.003		20.238	2.4		0.009		28.939	2.4		0.066		115.732	7																
8			0.007		20.413			0.003		20.235	2.4		0.009		31.330	2.4		0.043		118.059	8																
9			0.004		20.406			0.003		20.232	2.4		0.005		33.725	2.4		0.04		120.475	9																
10			0.007		20.402			0.0		20.232	2.4		0.011		36.114	2.4		0.04		122.831	10																
11			0.007		20.395			0.003		20.229	2.4		0.011		38.503	2.4		0.04		125.187	11																
12			0.007		20.388			0.003		20.226	2.5		0.012		40.891	2.4		0.045		127.542	12																
13			0.007		20.381			0.003		20.223	2.5		0.013		43.278	2.4		0.045		129.897	13																
14			0.007		20.374			0.0		20.223	2.4		0.020		45.658	2.4		0.046		132.251	14																
15			0.007		20.367			0.0		20.223	2.4		0.021		48.037	2.4		0.047		134.604	15																
16			0.011		20.356			0.003		20.220	2.4		0.022		50.415	2.2		0.016		136.958	16																
17			0.011		20.345			0.003		20.215	2.4		0.022		52.793	2.3		0.017		139.311	17																
18			0.007		20.338			0.003		20.214	2.4		0.031		55.162	2.4		0.032		141.664	18																
19			0.007		20.331			0.003		20.211	2.4		0.032		57.530	2.4		0.048		144.017	19																
20			0.007		20.324			0.003		20.208	2.5		0.017		60.233	2.4		0.049		146.370	20																
21			0.004		20.320			0.003		20.205	3.7		0.0		63.913	2.4		0.066		148.724	21																
22			0.007		20.313			0.003		20.202	6.8		0.019		70.694	2.4		0.083		151.077	22																
23			0.004		20.309			0.003		20.199	5.9		0.010		76.584	2.3		0.067		153.430	23																
24			0.007		20.302			0.003		20.196	4.5		0.011		81.473	2.2		0.050		155.783	24																
25			0.007		20.295			0.0		20.196	4.4		0.033		85.440	2.2		0.017		157.339	25																
26			0.004		20.291			0.003		20.193	4.4		0.035		89.505	2.2		0.068		159.461	26																
27			0.007		20.284			0.003		20.190	4.4		0.024		94.181	2.2		0.085		161.576	27																
28			0.007		20.277			0.003		20.187	4.4		0.038		98.543	2.2		0.068		163.708	28																
29			0.007		20.270			0.003		20.184						2.3		0.086		165.822	29																
30			0.004		20.266			0.003		20.181						2.4		0.052		168.270	30																
31			0.003		20.263			0.003		20.178						2.2		0.070		170.600	31																
TOTAL			0.206					0.205			78.8		0.435			73.6		1.543			TOTAL																
APRIL 1977																						MAY 1977					JUNE 1977					JULY 1977					DAY
1	3.7		0.071		174.229	9.5		0.153		409.611			0.418		649.028	27.88		0.472		750.931	1																
2	3.2		0.090		177.339	9.9		0.134		419.337			0.332		648.696	28.1		0.515		722.316	2																
3	2.4		0.091		179.648	9.9		0.208		429.049			0.377		648.319	28.4		0.475		693.441	3																
4	5.0		0.111		184.537	9.5		0.211		438.338	6.3		0.399		654.220	24.7		0.414		668.327	4																
5	6.6		0.114		191.023	9.6		0.187		447.751	10.1		0.325		663.995	22.0		0.407		645.920	5																
6	7.7		0.136		198.587	9.2		0.162		456.789	10.1		0.351		673.744	21.8		0.424		623.696	6																
7	8.3		0.138		206.749	8.6		0.109		465.280	10.2		0.428		683.516	17.7		0.468		605.528	7																
8	8.4		0.100		215.049	8.7		0.095		473.925	10.2		0.277		693.439	15.8		0.415		589.313	8																
9	8.3		0.061		223.298	9.5		0.096		483.369	3.8		0.075		697.164	19.5		0.432		569.381	9																
10	8.3		0.104		231.484	9.5		0.112		492.757	0.0		0.194		696.970	21.7		0.400		547.281	10																
11	8.3		0.127		239.657	9.8		0.085		502.475	6.1		0.290		702.780	14.3		0.397		522.584	11																
12	8.3		0.151		247.806	9.9		0.114		512.258	9.7		0.246		712.164	9.7		0.420		502.464	12																
13	8.3		0.131		255.975	9.8		0.097		522.001	9.7		0.318		721.546	15.2		0.416		506.849	13																
14	8.3		0.155		264.120	9.5		0.145		531.356	9.7		0.321		730.925	20.6		0.405		485.843	14																
15	8.2		0.179		272.141	9.7		0.263		540.793	9.7		0.374		740.251	25.5		0.392		459.951	15																
16	8.1		0.156		280.085	9.9		0.205		550.488	9.1		0.352		748.999	31.2		0.269		428.482	16																
17	8.1		0.155		288.030	9.9		0.295		560.093	8.6		0.406		757.193	33.5		0.332		394.650	17																
18	8.1		0.177		295.953	9.3		0.288		569.185	7.9		0.359		764.734	33.4		0.292		360.958	18																
19	8.1		0.202		304.331	9.5		0.269		578.416	6.8		0.361		771.173	33.2		0.354		327.504	19																
20	8.9		0.228		313.023	10.0		0.300		588.116	6.1		0.313		776.960	33.0		0.234		294.270	20																
21	8.9		0.208		321.715	9.8		0.328		597.588	6.0		0.423		782.537	33.1		0.213		260.957	21																
22	8.9		0.187		330.428	3.6		0.234		600.954	6.0		0.507		788.030	29.5		0.207		231.250	22																
23	8.9		0.237		339.091	0.0		0.143		600.811	5.5		0.513		793.017	27.6		0.163		203.487	23																
24	8.9		0.167		347.804	6.3		0.171		606.940	4.4		0.464		796.953	28.0		0.145		175.342	24																
25	8.9		0.193		356.531	10.2		0.257		616.883	3.8		0.468		800.285	28.0		0.125		147.217	25																
26	8.9		0.146		365.285	10.3		0.258		626.925	3.8		0.502		803.583	24.1		0.115		123.002	26																
27	8.9		0.172		374.013	10.3		0.286		636.939	1.4		0.536		804.147	26.0		0.091		96.321	27																
28	8.9		0.198		382.715	10.2		0.314		646.925	0.0		0.427		804.020	28.6		0.069		68.844	28																
29	8.9		0.175		391.440	3.8		0.393		650.232	0.0		0.404		803.616	32.4		0.037		35.821	29																
30	8.9		0.076		400.264	0.0		0.384		649.848	23.930		0.404		779.203	35.3		0.031		0.220	30																
31								0.402		649.446			0.523			0.523				0.0	31																
TOTAL	234.1		4.436			255.7		6.518			165.0																										

Table C-24 (Cont'd)

OAKES DITCH COMPANY  
FROM KETCHUM DITCH

DAY	MARCH 1979					APRIL 1979					MAY 1979					JUNE 1979					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1			0.002		8.995			0.001		8.845			0.002		8.786			0.004		8.701	1
2			0.002		8.993			0.002		8.843			0.002		8.784			0.004		8.697	2
3			0.002		8.991			0.002		8.841			0.002		8.782			0.003		8.694	3
4			0.002		8.889			0.002		8.839			0.003		8.779			0.003		8.691	4
5			0.002		8.887			0.002		8.837			0.003		8.777			0.003		8.688	5
6			0.002		8.885			0.001		8.836			0.002		8.774			0.004		8.684	6
7			0.003		8.882			0.002		8.834			0.001		8.773			0.003		8.681	7
8			0.003		8.879			0.002		8.832			0.001		8.772			0.004		8.677	8
9			0.003		8.876			0.002		8.830			0.001		8.770			0.004		8.674	9
10			0.002		8.874			0.002		8.828			0.002		8.767			0.004		8.669	10
11			0.002		8.872			0.002		8.826			0.003		8.764			0.005		8.664	11
12			0.002		8.870			0.002		8.824			0.004		8.760			0.004		8.660	12
13			0.002		8.868			0.002		8.822			0.004		8.756			0.003		8.657	13
14			0.001		8.867			0.002		8.820			0.004		8.752			0.003		8.654	14
15			0.001		8.866			0.003		8.817			0.003		8.749			0.003		8.651	15
16			0.001		8.865			0.002		8.815			0.003		8.746			0.003		8.648	16
17			0.0		8.865			0.002		8.813			0.003		8.743			0.002		8.645	17
18			0.007		8.863			0.002		8.811			0.003		8.740			0.003		8.643	18
19			0.0		8.863			0.002		8.809			0.003		8.737			0.003		8.640	19
20			0.003		8.860			0.002		8.807			0.003		8.734			0.003		8.637	20
21			0.001		8.859			0.002		8.805			0.002		8.732			0.003		8.634	21
22			0.001		8.858			0.002		8.803			0.002		8.730			0.003		8.631	22
23			0.002		8.856			0.002		8.801			0.002		8.728			0.003		8.628	23
24			0.002		8.854			0.002		8.799			0.003		8.725			0.004		8.624	24
25			0.002		8.852			0.002		8.797			0.003		8.722			0.003		8.621	25
26			0.003		8.851			0.001		8.796			0.003		8.719			0.003		8.618	26
27			0.002		8.849			0.002		8.794			0.003		8.716			0.003		8.615	27
28			0.001		8.848			0.002		8.792			0.002		8.714			0.003		8.612	28
29			0.001		8.847			0.002		8.790			0.003		8.711			0.003		8.609	29
30			0.001		8.846			0.002		8.788			0.003		8.708			0.003		8.606	30
31			0.0		8.846									8.705						8.603	31
TOTAL			0.091					0.098					0.083					0.099			TOTAL
DAY	JULY 1979					AUGUST 1979					OCTOBER 1979					NOVEMBER 1979					DAY
1	5.8		0.006		14.400					0.0					2.6		0.069		61.600	1	
2	5.6		0.008		19.992					0.0					2.4		0.090		63.970	2	
3	9.3		0.011		29.881		0.0			+100.0 <sup>d</sup>					3.1		0.021		67.099	3	
4	9.5		0.113		38.766		2.4			- 38.5 <sup>e</sup>					4.6		0.021		71.618	4	
5	9.5		0.018		48.248		2.4			56.564					4.5		0.034		76.084	5	
6	9.5		0.024		57.724		0.0		2.8	53.710					3.9		0.035		79.949	6	
7	9.5		0.030		67.194		1.7			55.341					3.5		0.036		83.413	7	
8	9.5		0.038		76.656		4.6			59.865					3.6		0.037		86.976	8	
9	9.5		0.051		86.105		3.9			63.694					3.7		0.025		90.541	9	
10	9.6		0.048		95.657		2.1			65.705					3.6		0.026		94.223	10	
11	9.7		0.045		105.312		1.1			66.772					3.3		0.027		97.498	11	
12	9.7		0.058		114.954		1.0			67.714					3.4		0.041		100.897	12	
13	9.7		0.073		124.581					58.160					3.3		0.042		104.115	13	
14	9.7		0.079		134.202				9.5	52.605					2.9		0.029		106.986	14	
15	9.6	0.0	0.094		143.708				0.4	52.156					1.0		0.058		107.928	15	
16	0.0	1.8	0.104		141.804		2.2			54.304					0.0		0.044		107.884	16	
17	6.9	0.088	0.088		134.816		1.6			55.877							0.014		107.870	17	
18	6.5	0.082	0.082		126.234					55.824							0.014		107.866	18	
19	8.5	0.087	0.087		117.647					55.799							0.014		107.862	19	
20	5.7	0.045	0.045		111.902					55.707					5.1		0.002		107.814	20	
21	8.3	0.047	0.047		103.555					55.655					7.3		0.005		107.786	21	
22	10.9	0.060	0.060		92.995					55.604					5.8		0.010		107.772	22	
23	10.9	0.049	0.049		81.646					55.553					4.5		0.016		107.744	23	
24	15.0	0.050	0.050		66.596					55.502					4.3		0.019		107.730	24	
25	17.5	0.037	0.037		49.059					55.451					4.4		0.011		107.702	25	
26	17.6	0.024	0.024		31.435				0.063	55.400					6.1		0.006		107.674	26	
27	17.7	0.009	0.009		13.726				- 55.4 <sup>f</sup>	0.0					6.4		0.014		107.660	27	
28	13.7	0.0	0.0		0.0					0.0					5.0		0.015		107.632	28	
29										4.0					4.0		0.017		107.604	29	
30										3.4					2.9		0.027		107.576	30	
31										2.9					0.028		0.028		107.509	31	
TOTAL	135.7	143.0	1.280			18.2	23.0	1.294	+ 6.1		99.2		0.171			49.4	0.893			TOTAL	
DAY	DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					MARCH 1980					DAY
1			0.026		107.948			0.013		106.882			0.006		106.691			0.006		106.280	1
2			0.043		107.505			0.026		106.856			0.012		106.639			0.009		105.982	2
3			0.043		107.460			0.013		106.843			0.003		106.636			0.006		105.865	3
4			0.043		107.419			0.013		106.830			0.003		106.633			0.012		105.793	4
5			0.029		107.390			0.0		106.830			0.006		106.627			0.006		105.647	5
6			0.029		107.361			0.014		106.816			0.003		106.624			0.006		105.641	6
7			0.028		107.333			0.014		106.802			0.010		106.614			0.017		105.824	7
8			0.043		107.290			0.014		106.788			0.017		106.597			0.020		105.204	8
9			0.028		107.262			0.0		106.788			0.018		106.579			0.020		105.184	9
10			0.014		107.248			0.013		106.775			0.018		106.561			0.009		106.175	10
11			0.0		107.248			0.011		106.764			0.023		106.538			0.014		106.161	11
12			0.014		107.234			0.0		106.764			0.020		106.518			0.011		106.150	12
13			0.009		107.205			0.002		106.762			0.004		106.514			0.014		106.136	13
14			0.014		107.191			0.006		106.756			0.004		106.510			0.014		106.122	14
15			0.014		107.177			0.002		106.754			0.009		106.501			0.014		106.108	15
16			0.029		107.148			0.002		106.752			0.006		106.493			0.020		106.088	16
17			0.029		107.119			0.002		106.750			0.011		106.482			0.014		106.074	17
18			0.027		107.062			0.004		106.746			0.011								

Table C-24 (Cont'd)

OKAES DITCH COMPANY  
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
APRIL 1980																						MAY 1980																						JUNE 1980																						AUGUST 1980																					
1			0.027		105.751			0.014		104.985			0.032		104.098						1																																																																		
2			0.027		105.724			0.035		104.949			0.031		104.067						2																																																																		
3			0.028		105.696			0.030		104.919			0.030		104.037						3																																																																		
4			0.010		105.686			0.042		104.877			0.031		104.006						4																																																																		
5			0.003		105.683			0.036		104.841			0.031		103.975						5																																																																		
6			0.024		105.659			0.031		104.810			0.029		103.945						6																																																																		
7			0.020		105.639			0.030		104.780			0.033		103.913						7																																																																		
8			0.027		105.612			0.035		104.745			0.034		103.879						8																																																																		
9			0.030		105.582			0.005		104.710			0.035		103.844	0.0	0.0	0.003	0.0	5.097	9																																																																		
10			0.027		105.555			0.019		104.721			0.035		103.809	5.1					10																																																																		
11			0.034		105.521			0.019		104.702			0.035		103.774	8.2		0.008		13.289	11																																																																		
12			0.040		105.481			0.022		104.680			0.029		103.745	8.3		0.013		21.576	12																																																																		
13			0.044		105.441			0.022		104.658			0.030		103.715	8.9		0.018		30.458	13																																																																		
14			0.030		105.411			0.017		104.641			0.035		103.680	9.3		0.019		39.739	14																																																																		
15			0.030		105.381			0.030		104.611			0.039		103.641	9.3		0.020		49.019	15																																																																		
16			0.039		105.342			0.032		104.579			0.038		103.603	9.3		0.028		58.291	16																																																																		
17			0.042		105.300			0.041		104.538			0.038		103.565	9.3		0.035		67.556	17																																																																		
18			0.035		105.265			0.048		104.490			0.036		103.529	9.3		0.038		76.818	18																																																																		
19			0.039		105.226			0.051		104.439			0.038		103.492	9.3		0.035		86.083	19																																																																		
20			0.026		105.200			0.045		104.394			0.030		103.461	9.3		0.051		95.332	20																																																																		
21			0.029		105.171			0.030		104.364			0.034		103.427	9.3		0.054		104.578	21																																																																		
22			0.017		105.154			0.028		104.336			0.031	-103.4	0.0	9.3		0.053		113.825	22																																																																		
23			0.011		105.142			0.021		104.315			0.031		103.393	9.3		0.056		123.059	23																																																																		
24			0.020		105.121			0.017		104.298			0.035		103.354	9.3		0.065		132.274	24																																																																		
25			0.026		105.095			0.028		104.270			0.038		103.315	3.5		0.089		135.685	25																																																																		
26			0.028		105.067			0.028		104.242			0.038		103.276	0.0		0.078		135.607	26																																																																		
27			0.030		105.037			0.027		104.215			0.032		103.237			0.082		135.525	27																																																																		
28			0.015		105.022			0.015		104.200			0.029		103.198			0.091		135.434	28																																																																		
29			0.003		105.019			0.019		104.181			0.026		103.155			0.080	-135.4	0.0	135.352	29																																																																	
30			0.020		104.999			0.025		104.130			0.025		103.116						0.0	135.267	30																																																																
31																						135.182	31																																																																
TOTAL			0.779					0.869					0.734	-103.4		136.3		0.946		-135.4	TOTAL																																																																		
FOOTNOTES																																																																																							
1	a 153,252 acre-feet diverted in Lower Kaweah River.																				1																																																																		
2	b Released for diversion in Lower Kaweah.																				2																																																																		
3	c Released because Terminus Reservoir above allowable storage.																				3																																																																		
4	d Transferred from Fleming Ditch Company.																				4																																																																		
5	e Transferred to Kaweah Delta Water Conservation District.																				5																																																																		
6	f Transferred to Fleming Ditch Company.																				6																																																																		
7	g Storage adjusted to maximum allowable.																				7																																																																		
8	h See Okaes Ditch Company from Ketchum Ditch.																				8																																																																		
9	i Transferred to Okaes Ditch (Lower Kaweah).																				9																																																																		
10																					10																																																																		
11																					11																																																																		
12																					12																																																																		
13																					13																																																																		
14																					14																																																																		
15																					15																																																																		
16																					16																																																																		
17																					17																																																																		
18																					18																																																																		
19																					19																																																																		
20																					20																																																																		
21																					21																																																																		
22																					22																																																																		
23																					23																																																																		
24																					24																																																																		
25																					25																																																																		
26																					26																																																																		
27																					27																																																																		
28																					28																																																																		
29																					29																																																																		
30																					30																																																																		
31																					31																																																																		
TOTAL																					TOTAL																																																																		

Table C-25

CONCORAN IRRIGATION COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																		
DECEMBER 1977																						JUNE 1978					JULY 1978					SEPTEMBER 1978							
1											36.5		1.217		3612.900						1																		
2													1.151		3641.749						2																		
3													1.256		3640.403						3																		
4													1.252		3639.241	0.0				0.0	4																		
5													1.248		3647.997	99.2		0.0			5																		
6															3636.636	158.7		0.094			257.806																		
7													1.473		3645.163	59.5		0.138			317.168																		
8													1.476		3644.687			0.164			317.004																		
9													1.646		3632.041			0.164			316.840																		
10													1.598		3639.443			0.137			316.704																		
11															3629.107			0.138			316.565																		
12													1.277		3627.830			0.157			316.398																		
13													1.538		3626.292	0.0		0.140			316.258																		
14													1.440		3624.852	174.1		0.063			312.092																		
15													1.454		3623.498	142.1					0.0																		
16															3621.969																								
17													1.670		3620.199																								
18													1.759		3618.440																								
19													1.610		3616.830																								
20													1.841		3614.989																								
21															3613.431																								
22													1.558		3611.772																								
23													1.659		3610.807																								
24													1.965		3609.807																								
25													1.786		3608.071																								
26													0.996		-3607.1																								
27	0.0		0.0			0.0									3619.000						36																		
28	99.2		0.010			21.1		0.0							3419.147						37																		
29						73.4		1.026							3511.521						38																		
30						97.2		1.104							3607.617						39																		
TOTAL	99.2		0.010			-99.2 <sup>a</sup>										191.7		3.083				TOTAL																	
MARCH 1979																						APRIL 1979					MAY 1979					JUNE 1979							
1								0.025		239.748			0.052		238.154	5.0		0.848			1891.979	1																	
2								0.058		239.690			0.051		238.104	3.0		0.822			1894.152	2																	
3								0.057		239.633			0.055		238.048	2.5		0.742			1895.910	3																	
4								0.063		239.570			0.071		237.967	1.5		0.698			1896.752	4																	
5								0.062		239.506			0.068		237.899	8.7		0.711			1904.741	5																	
6								0.030		239.478			0.060		237.839	26.3		0.798			1910.244	6																	
7								0.044		239.434			0.036		237.803	12.6		0.670			1912.173	7																	
8								0.058		239.376			0.027		237.776	0.0		0.818			1911.148	8																	
9								0.043		239.333			0.068		237.718			0.839			1910.409	9																	
10								0.049		239.284			0.071		237.647			0.897			1919.602	10																	
11								0.041		239.243			0.080		237.567			1.011			1918.591	11																	
12								0.041		239.202			0.096		237.471			0.824			1917.767	12																	
13								0.054		239.148			0.104		237.367			0.694			1917.037	13																	
14								0.066		239.082			0.106		237.261			0.647			1916.426	14																	
15								0.071		239.011			0.087		237.174			0.659			1915.797	15																	
16								0.063		238.948			0.073		237.101			0.666			1915.131	16																	
17								0.043		238.905	0.0		0.085		240.716			0.528		-1934.6	0.0	17																	
18								0.039		238.856	3.7		0.105		319.711							18																	
19								0.055		238.801	166.4		0.142		485.949							19																	
20								0.061		238.740	218.5		0.229		704.220							20																	
21								0.061		238.679	251.5		0.229		955.491							21																	
22								0.060		238.619	244.5		0.282		1199.709							22																	
23								0.059		238.560	102.7		0.320		1302.089							23																	
24								0.059		238.501	85.8		0.457		1387.432							24																	
25								0.047		238.454	82.1		0.501		1469.031							25																	
26	0.0		0.0			0.0		0.035		238.419	109.6		0.578		1578.053							26																	
27	67.0		0.014			66.966		0.045		238.374	149.5		0.559		1727.024							27																	
28	123.1		0.015			190.071		0.050		238.324	123.8		0.514		1850.311							28																	
29	49.8		0.037			239.834		0.065		238.259	39.4		0.576		1889.145							29																	
30	0.0		0.018			239.816		0.053		238.206	0.0		0.656		1888.479							30																	
31	0.0		0.043			239.773							0.657		1887.822							31																	
TOTAL	219.9		0.127					1.567			1656.6		6.984			59.6		12.819			-1934.6	TOTAL																	
JUNE 1980																						JULY 1980					AUGUST 1980					FOOTNOTES							
1										3833.000			2.099		3787.211							<sup>a</sup> Released because Terminus Reservoir above allowable storage.	1																
2										3833.000			2.212		3785.019							<sup>b</sup> Transferred to Lakeside Ditch Company.	2																
3										3833.000			2.101		3782.918							<sup>c</sup> Released for diversion by Lakeside Ditch Company.	3																
4										3833.000			1.918		3781.000							<sup>d</sup> Storage adjusted to maximum allowable.	4																
5										3833.000	0.0		1.962		3779.038							<sup>e</sup> Transferred from Keesah Delta Water Conservation District.	5																
6										3831.666			2.010		3777.028								6																
7										3830.325			1.983		3775.045								7																
8										3828.977			1.905		3525.140								8																
9										3827.729			396.8		3126.476								9																
10										3826.480			396.8		2728.019								10																
11										3824.997			396.8		2329.823								11																
12										3823.674			396.8																										

Table C-26

EVANS OTCH COMPANY  
FROM LOWER KANZAS

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY		
1																						1
2								0.011		82.819			0.012		82.211			0.012			81.841	2
3								0.003		82.796			0.012		82.199			0.012			81.829	3
4								0.036		82.768			0.012		82.187			0.012			81.817	4
5								0.034		82.728			0.023		82.164			0.012			81.805	5
6								0.012		82.716			0.023		82.141			0.012			81.793	6
7								0.0		82.716			0.012		82.129			0.012			81.781	7
8								0.012		82.704			0.012		82.117			0.012			81.769	8
9								0.0		82.704			0.012		82.105			0.012			81.757	9
10								0.012		82.692			0.012		82.093			0.012			81.745	10
11	19.8	0.007			19.793			0.012		82.680			0.012		82.081			0.012			81.733	11
12	21.8	0.082			19.793			0.004		82.556			0.012		82.069			0.0			81.733	12
13	6.0	0.008			47.571			0.036		82.520			0.0		82.069			0.0			81.733	13
14	0.0	0.008			47.923			0.036		82.584			0.012		82.059			0.012			81.721	14
15		0.031			47.492			0.048		82.536			0.012		82.097			0.012			81.708	15
16		0.023			47.469			0.048		82.488			0.012		82.045			0.012			81.695	16
17		0.003			47.446			0.012		82.464			0.012		82.033			0.025			81.670	17
18		0.013			47.431			0.012		82.452			0.012		82.021			0.025			81.645	18
19		0.015			47.416			0.012		82.440			0.012		82.009			0.025			81.620	19
20		0.030			47.386			0.012		82.404			0.012		82.085		0.0	0.025			81.607	20
21		0.030			47.356			0.024		82.355			0.024		81.949		15.1	0.021			65.461	21
22		0.003			47.333			0.024		82.331			0.024		81.937		29.8	0.013			39.648	22
23		0.003			47.310			0.004		82.307			0.0		81.937		20.8	0.006			18.842	23
24		0.003			47.285			0.012		82.295			0.012		81.925		16.6	0.0			2.242	24
25		0.003			47.264			0.024		82.271			0.012		81.913		0.0	0.0			2.242	25
26		0.007			47.257			0.004		82.247			0.012		81.901		0.0	0.001			2.241	26
27	19.8	0.080			67.037			0.012		82.235			0.0		81.901		0.0	0.001			2.240	27
28	14.4	0.048			81.413			0.0		82.235			0.012		81.889		0.0	0.001			2.239	28
29	1.5	0.012			82.865			0.012		82.235			0.012		81.877		0.0	0.001			2.238	29
30		0.012			82.853			0.012		82.223			0.012		81.865			0.001			2.237	30
31		0.023			82.830			0.012		82.223			0.012		81.853			0.001			2.236	31
TOTAL	83.3		0.470					0.607					0.370				79.3	0.317				TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY	
1		0.001			2.235	36.0		0.006		45.618	17.0		0.194		663.149	45.7		0.662		1666.245	1	
2		0.001			2.234	42.1		0.011		87.707	20.8		0.246		683.703	44.3		0.660		1709.885	2	
3		0.001			2.233	29.7		0.014		117.393	22.0		0.150		705.553	44.9		0.735		1794.050	3	
4		0.0			2.233	13.8		0.015		131.278	24.0		0.051		729.508	45.6		0.736		1798.914	4	
5					2.233	6.3		0.047		137.431	22.8		0.104		752.198	47.1		0.593		1845.421	5	
6					2.233	4.1		0.032		141.499	12.4		0.261		764.337	49.4		0.525		1894.296	6	
7					2.233	2.4		0.040		143.831	5.3		0.207		770.430	50.8		0.759		1944.337	7	
8					2.233	1.8		0.049		147.602	25.4		0.158		795.672	50.9		0.996		1994.241	8	
9					2.233	4.3		0.016		151.886	30.2		0.162		829.710	48.1		0.999		2044.342	9	
10					2.233	5.2		0.017		157.069	26.0		0.164		851.546	47.2		0.925		2087.617	10	
11					2.233	4.7		0.017		161.752	25.5		0.111		876.935	45.4		0.847		2132.170	11	
12					2.233	4.0		0.051		165.701	27.1		0.170		903.865	44.7		1.300		2175.570	12	
13					2.233	2.3		0.092		169.649	26.8		0.197		930.468	52.0		1.441		2205.199	13	
14					2.233	18.9		0.095		184.494	21.5		0.232		941.736	56.1		1.360		2280.869	14	
15					2.233	24.4		0.061		208.833	23.6		0.177		975.159	48.3		2.209		2327.560	15	
16					2.233	29.9		0.091		238.642	25.4		0.358		1000.001	43.9		1.207		2370.653	16	
17		0.0			2.233	35.2		0.128		273.714	22.7		0.362		1022.539	45.3		1.135		2414.818	17	
18		0.001			2.232	40.8		0.096		314.428	19.8		0.304		1042.035	48.4		0.990		2462.228	18	
19		0.0			2.232	36.2		0.125		350.503	25.3		0.431		1057.904	50.7		1.000		2511.668	19	
20		0.0			2.232	23.8		0.130		374.171	46.1		0.440		1113.564	51.3		1.007		2562.221	20	
21		0.001			2.231	22.8		0.137		396.834	53.1		0.450		1166.214	51.6		1.095		2612.726	21	
22		0.001			2.230	28.4		0.126		425.126	50.9		0.458		1226.656	52.5		0.949		2664.277	22	
23		0.001			2.229	27.1		0.114		452.112	51.3		0.444		1267.512	53.2		1.117		2716.360	23	
24		0.001			2.228	26.8		0.158		478.754	51.2		0.541		1328.171	54.6		1.050		2769.910	24	
25		0.0			2.228	34.3		0.124		512.930	49.8		0.618		1367.355	54.6		1.223		2821.287	25	
26		0.001			2.227	36.7		0.218		549.412	50.3		0.625		1417.030	53.7		1.482		2875.505	26	
27		0.001			2.226	29.8		0.091		579.121	52.1		0.638		1468.992	49.2		1.661		2923.044	27	
28		0.001			2.225	23.8		0.186		602.735	53.1		0.650		1520.942	46.6		1.256		2964.388	28	
29	7.4	0.001			9.624	12.1		0.220		614.635	52.5		0.559		1572.783	40.7		1.264		3007.624	29	
30					15.6			0.284		629.931	49.1		0.676		1621.207	38.2		1.100		3038.824	30	
31					16.7			0.288		646.343					1621.207	30.1		1.191		3067.833	31	
TOTAL	7.4		0.012			659.7		2.981			985.1		10.236			1479.1		32.147				TOTAL
DAY	JUNE 1976					JULY 1976					SEPTEMBER 1976					OCTOBER 1976					DAY	
1	28.9		1.356		3095.367	74.2		0.307		514.462								0.080			351.919	1
2	22.2		1.197		3116.370	74.0		0.307		440.155								0.127			394.992	2
3	15.7		1.281		3130.789	81.9		0.284		398.031								0.135			418.357	3
4	7.7		1.450		3137.039	86.7		0.199		271.332								0.183			430.874	4
5	0.0	24.6	1.354		3111.053	86.1		0.142		184.890								0.227			431.347	5
6		42.3	1.252		3067.533			0.068		93.122								0.0			431.106	6
7		43.9	1.070		3024.563		91.7											0.241			430.771	7
8		75.6	0.887		2946.076		93.122											0.234			430.487	8
9		117.9	0.945		2827.231													0.288			430.159	9
10		139.8	0.457		2686.974													0.326			429.833	10
11		144.3	0.877		2341.797													0.277			429.556	11
12		144.2	1.050		2396.547					71.8		0.045										

Table C-26 (Cont'd)

EVANS DITCH COMPANY  
FROM LOWER KAWAHI

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
DAY	FEBRUARY 1977					MARCH 1977					APRIL 1977					MAY 1977					DAY	
1								0.0		1.897			0.001		1.870	27.5		0.302		809,535	1	
2								0.001		1.896			0.001		1.869	25.3		0.307		834,588	2	
3								0.001		1.895			0.001		1.868	24.8		0.417		858,911	3	
4								0.001		1.894			0.001		1.867	13.0		0.419		871,492	4	
5								0.001		1.893	0.0		0.001		1.866	8.4		0.367		879,525	5	
6								0.001		1.892	7.4		0.006		9,260	6.2		0.314		885,411	6	
7								0.001		1.891	26.4		0.024		35,636	1.5		0.208		886,703	7	
8								0.001		1.890	39.3		0.035		74,901	1.2		0.103		887,800	8	
9								0.001		1.890	35.6		0.030		110,571	9.4		0.103		897,097	9	
10								0.001		1.889	25.7		0.061		136,310	8.9		0.207		905,790	10	
11								0.001		1.888	16.9		0.084		158,126	16.5		0.156		922,134	11	
12								0.001		1.887	20.0		0.108		178,018	17.2		0.209		939,125	12	
13								0.001		1.886	24.7		0.104		202,614	12.6		0.105		951,620	13	
14								0.001		1.885	26.3		0.134		228,780	9.4		0.262		960,758	14	
15								0.001		1.884	35.6		0.173		264,207	17.2		0.475		977,483	15	
16								0.0		1.884	48.4		0.174		312,433	34.0		0.376		1021,107	16	
17								0.001		1.883	52.0		0.196		364,237	28.9		0.547		1039,460	17	
18								0.0		1.883	53.0		0.250		416,987	11.9		0.385		1059,975	18	
19								0.001		1.882	43.4		0.306		460,081	14.0		0.495		1066,480	19	
20								0.001		1.881	32.7		0.358		492,423	32.5		0.598		1096,422	20	
21								0.001		1.880	27.5		0.335		519,588	47.5		0.627		1143,295	21	
22	1.2				1,200			0.001		1.879	21.6		0.306		540,882	50.8		0.465		1193,630	22	
23	0.7				1,900			0.001		1.878	22.6		0.393		563,089	51.0		0.296		1244,334	23	
24	0.0		0.0		1,900			0.001		1.877	28.0		0.284		590,805	52.1		0.364		1296,070	24	
25			0.001		1,899			0.0		1.877	28.6		0.336		619,069	51.6		0.561		1347,109	25	
26			0.001		1,898			0.001		1.876	32.7		0.261		651,508	46.8		0.573		1393,336	26	
27			0.001		1,898			0.001		1.875	34.2		0.315		685,393	51.2		0.619		1443,887	27	
28			0.001		1,897			0.001		1.874	33.3		0.372		718,321	53.1		0.726		1496,261	28	
29			0.001		1,897			0.001		1.873	33.3		0.336		751,285	50.8		0.934		1546,127	29	
30			0.001		1,897			0.001		1.872	31.2		0.148		782,337	49.9		0.943		1597,084	30	
31								0.001		1.871						48.9		1.016		1642,968	31	
TOTAL	1.9		0.003					0.026			785.6		5.134			874.1		13,469			TOTAL	
DAY	JUNE 1977					JULY 1977					DECEMBER 1977					JUNE 1978					DAY	
1	47.8		1.089		1689,679	131.9	0.694			2089,005											1	
2	48.8		0.890		1737,589	132.9	0.682			2142,423												2
3	50.0		1.039		1786,550	133.5	0.563			2214,360												3
4	50.9		1.121		1836,329	134.6	0.425			2266,335												4
5	52.6		0.924		1888,005	132.7	0.348			2332,287												5
6	55.1		1.010		1942,095	131.4	0.286			2421,601												6
7	48.7		1.246		1989,549	130.8	0.224			2490,577												7
8	50.1		0.816		2038,833	122.8	0.118			2571,659												8
9	47.6		0.223		2086,210	116.0	0.039			26,600												9
10	47.6		0.593		2133,217	51.62				0.0												10
11	53.3		0.903		2185,614																	11
12	44.0		0.990		2228,624																	12
13	30.2		0.956		2257,828																	13
14	24.0		1.002		2280,826																	14
15	12.3		1.158		2291,968																	15
16	2.9		1.079		2293,789																	16
17	0.1		1.230		2292,959					0.0			0.0		0.0							17
18	0.0		1.075		2291,884					27.3			0.014		27,296							18
19	0.0		1.073		2290,811					19.8			0.014		96,470							19
20		28.1	0.912		2261,799					0.0			0.014		96,456							20
21		39.7	1.200		2220,899								0.014		96,442							21
22		66.0	1.386		2153,513					0.0			0.028		96,414							22
23		89.8	1.133		2062,380					22.7			0.014		129,096							23
24		107.5	1.138		1953,742					49.4			0.041		164,852							24
25		107.8	1.080		1844,862					9.7			0.023		174,589							25
26		115.5	1.079		1728,283					31.2			0.0		205,729							26
27		122.8	1.069		1604,414					72.1			0.027	-277,802	0.0		0.0					27
28		127.1	0.787		1461,427											0.0	0.0					28
29		127.1	0.681		1353,646											17.4	0.185					29
30		131.3	0.757		1221,589											24.1	0.188					30
31																21.8	0.190					31
TOTAL	666.3	1057.8	29.879			218.22	3.369			278.0		0.198	-277,802			63.3	0.563					TOTAL
DAY	JULY 1978					AUGUST 1978					SEPTEMBER 1978					FEBRUARY 1979					DAY	
1		16.9	0.201		603,036			0.215		387,545			0.029		30,448							1
2		16.4	0.185		586,451			0.223		387,322			0.036		30,412							2
3		17.9	0.196		568,355			0.232		387,090		0.0	0.030		30,382							3
4		17.9	0.189		550,266			0.168		386,922		19.8	0.0		50,182							4
5		17.9	0.183		532,183		0.0	0.251		386,671		39.2	0.0		89,382							5
6		17.9	0.192		514,091		29.8	0.304		386,567		47.4	0.0	0.050		136,732						6
7		17.9	0.201		495,990		47.6	0.218		386,749		28.6	16.1	0.061		139,171						7
8		17.9	0.194		477,896		47.6	0.143		386,006		0.0	33.2	0.055		105,916						8
9		17.9	0.208		459,783		51.3	0.129		389,577			37.7	0.035		68,181						9
10		17.9	0.194		441,694		52.3	0.108		387,169			37.7	0.013		30,468						10
11		15.4	0.157		426,137		55.3	0.059		386,810												11
12		14.1	0.145		410,892		67.5	0.021		386,289			30.468		0.0							12
13		14.6	0.168		396,124		34.289	0.0		386,000												13
14		5.2	0.155		390,769		0.0	0.0		386,000												14
15		0.0	0.157		390,612	0.0				386,000												15
16			0.165		390,447	10.4		0.007		386,000												16
17			0.180		390,267	9.4		0.016		386,000												17
18			0.190		390,077	5.5		0.017		386,000												



Table C-26 (Cont'd)

EVANS DITCH COMPANY  
FROM LOWER KAWAHI

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
DAY	MARCH 1979					APRIL 1979					MAY 1979					JUNE 1979					DAY		
1	34.0		0.048		898.452	43.6		0.282		779.052			0.293		1351.462			3.7		0.955	814.733	1	
2	35.0		0.043		256.159	44.8		0.192		823.654			0.289		1351.173			17.4		0.346	795.967	2	
3	40.7		0.069		396.810	46.5		0.205		869.949			0.368		1350.805			27.8		0.300	767.867	3	
4	40.8		0.098		377.512	45.7		0.242		925.407			0.404		1354.101			27.8		0.297	749.810	4	
5	15.3		0.099		392.713	44.0		0.248		959.159			0.398		1359.733			27.8		0.265	731.751	5	
6	0.0		0.096		392.617	43.1		0.126		1002.133			0.345		1361.568			24.1		0.284	687.960	6	
7			0.123		392.694	43.2		0.193		1045.140	2.2		0.208		1361.360			25.5		0.228	661.632	7	
8			0.117		392.377	43.4		0.254		1082.276	0.0		0.134		1361.206			31.5		0.271	629.861	8	
9			0.113		392.666	36.1		0.200		1124.176			0.332		1360.874			35.0		0.257	594.604	9	
10			0.106		392.160	31.7		0.236		1155.640			0.402		1344.372			35.7		0.258	558.646	10	
11			0.076		392.084	31.7		0.205		1187.135			0.442		1338.130			35.7		0.272	522.674	11	
12	0.0		0.097		391.987	31.7		0.208		1218.627			0.525		1293.005			35.7		0.207	486.787	12	
13	5.1		0.048		396.989	31.7		0.281		1250.046			0.515		1272.390			35.7		0.163	450.996	13	
14	9.3		0.048		406.241	36.7		0.152		1286.391			0.561		1257.689			35.7		0.139	415.067	14	
15	6.7		0.070		414.873	42.2		0.352		1320.196			0.458		1246.531			43.2		0.123	373.746	15	
16	8.9		0.046		423.725	43.6		0.364		1371.432	7.4		0.386		1253.545			47.6		0.112	328.034	16	
17	9.8		0.063		433.522	18.8		0.253		1389.979	21.6		0.449		1278.696			47.6		0.075	278.359	17	
18	8.9		0.091		444.311	1.5		0.288		1391.191	23.8		0.294	-100.0	898.202			47.6		0.081	228.678	18	
19	11.1		0.083		453.368	0.0		0.321		1390.870	26.3		0.309		924.193			47.6		0.065	181.013	19	
20	4.8		0.090		458.098	0.0		0.356		1390.514	27.8		0.309		931.684			47.6		0.049	133.364	20	
21	0.0		0.066		458.032			0.353		1390.161	29.0		0.235		980.149			47.6		0.034	85.730	21	
22			0.065		457.967			0.350		1389.811	11.2		0.233		991.416			47.6		0.013	38.117	22	
23			0.107		457.860	0.0		0.346		1389.465	0.0		0.242		992.172			38.1		0.0		0.0	23
24			0.104		457.756	20.3		0.339		1386.826			0.326		990.846								24
25	0.0		0.123		457.633	13.4		0.267		1353.159			0.338		990.508								25
26	28.4		0.064		485.969			0.196		1352.963			0.361		990.145								26
27	31.3		0.112		537.157	0.0		0.257		1352.706			0.290		946.455								27
28	24.4		0.042		591.515			0.283		1352.423			0.245		888.910								28
29	22.6		0.098		644.017			0.368		1352.055			0.259		849.151								29
30	17.5		0.121		694.466			0.300		1351.755			0.229		830.963								30
31	44.2		0.132		735.534								0.285		817.778								31
TOTAL	513.8		2.566			660.0	35.7	8.079			159.0	282.4	10.577	-400.0				813.6	4.161			TOTAL	
DAY	OCTOBER 1979					NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					DAY		
1						0.017				35.516			0.009		35.199			0.004			34.982	1	
2						0.017				35.499			0.014		35.185			0.008			34.974	2	
3						0.016				35.483			0.014		35.171			0.004			34.970	3	
4						0.011				35.472			0.014		35.157			0.004			34.966	4	
5						0.016				35.456			0.009		35.148			0.0			34.966	5	
6						0.015				35.441			0.009		35.139			0.004			34.962	6	
7						0.015				35.426			0.009		35.130			0.001			34.957	7	
8						0.013				35.411			0.014		35.116			0.005			34.952	8	
9						0.010				35.401			0.009		35.107			0.0			34.952	9	
10						0.010				35.391			0.005		35.102			0.004			34.948	10	
11						0.010				35.381			0.0		35.102			0.003			34.945	11	
12						0.014				35.367			0.005		35.097			0.0			34.945	12	
13						0.014				35.353			0.009		35.088			0.001			34.941	13	
14						0.014				35.343			0.009		35.083			0.002			34.942	14	
15						0.019				35.324			0.005		35.078			0.001			34.941	15	
16						0.014				35.310			0.009		35.069			0.001			34.940	16	
17						0.005				35.305			0.009		35.060			0.001			34.939	17	
18						0.005				35.300			0.019		35.041			0.001			34.938	18	
19	0.0		0.007		0.0	0.005				35.295			0.009		35.032			0.002			34.936	19	
20	19.8		0.007		19.793	0.009				35.286			0.009		35.023			0.002			34.934	20	
21	11.9		0.012		31.621	0.009				35.277			0.009		35.023			0.002			34.932	21	
22	0.0		0.017		31.621	0.005				35.272			0.005		35.018			0.002			34.930	22	
23	0.0		0.022		31.642	0.009				35.263			0.005		35.013			0.002			34.928	23	
24	0.0		0.022		31.620	0.005				35.258			0.005		35.008			0.002			34.926	24	
25	0.0		0.011		31.609	0.009				35.249			0.005		35.003			0.001			34.925	25	
26	2.5		0.006		34.103	0.009				35.240			0.0		35.003			0.002			34.923	26	
27	1.5		0.012		35.591	0.005				35.235			0.004		34.999			0.003			34.920	27	
28	0.0		0.012		35.579	0.009				35.226			0.004		34.995			0.003			34.917	28	
29			0.012		35.567	0.005				35.217			0.009		34.990			0.001			34.916	29	
30			0.017		35.550	0.009				35.208			0.0		34.990			0.004			34.912	30	
31			0.017		35.533								0.004		34.986			0.003			34.909	31	
TOTAL	35.7		0.167			0.325							0.222					0.077				TOTAL	
DAY	FEBRUARY 1980					MARCH 1980					APRIL 1980					MAY 1980					DAY		
1			0.002		34.907	0.002				34.7													

Table C-26 (Cont'd)

EVANS DITCH COMPANY  
FROM LOWER KANEAH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
JUNE 1980																						JULY 1980																						AUGUST 1980																						SEPTEMBER 1980																					
1			0.010		34,066					767,000	1.9		0.011		19,087						1																																																																		
2			0.010		34,056					767,000	1.9		0.012		20,975						2																																																																		
3			0.010		34,046					767,000	1.9		0.013		22,862						3																																																																		
4			0.010		34,036					767,000	1.9		0.013		24,749						4																																																																		
5			0.010		34,026		0.0	0.0		767,000	1.9		0.014		26,635						5																																																																		
6			0.009		34,017		17.4	0.261		749,339	1.9		0.015		28,520						6																																																																		
7			0.011		34,007		27.8	0.253		721,286	1.9		0.015		30,404						7																																																																		
8			0.011		33,998		27.8	0.244		693,242	1.9		0.017		32,287						8																																																																		
9			0.012		33,983		29.0	0.217		664,025	1.9		0.020		34,167						9																																																																		
10			0.011		33,972		31.0	0.216		632,809	1.9		0.022		36,045						10																																																																		
11			0.011		33,961		33.0	0.223		599,586	1.9		0.023		37,922						11																																																																		
12			0.009		33,952		33.7	0.196		565,690			0.020		33,602						12																																																																		
13			0.010		33,942		33.7	0.224		531,766		4.3	0.015		25,587						13																																																																		
14			0.011		33,931		33.7	0.197		497,869		8.0	0.009		46,308						14																																																																		
15			0.013		33,918		34.9	0.205		462,764	11.9	14.2	0.032	+55.0	78,250						15																																																																		
16			0.012		33,906		36.5	0.205		428,959	26.1		0.040		104,301	0.0		0.0		0.0	16																																																																		
17			0.012		33,894		33.7	0.193		394,198	22.5		0.065		126,736	7.8		0.006		7.794	17																																																																		
18			0.012		33,882		33.7	0.148		360,350	20.6		0.072		147,264	11.5		0.017		19,277	18																																																																		
19			0.012		33,870		34.9	0.135		325,315	18.6		0.068		165,796	20.9		0.013		30,164	19																																																																		
20			0.010		33,860		35.7	0.145		289,470	17.9		0.099		183,597	11.7		0.032		41,832	20																																																																		
21			0.011		33,849		35.7	0.149		253,621	16.6		0.104		200,093	11.4		0.042		53,190	21																																																																		
22			0.010	+733.2	767,000		35.7	0.122		217,799	13.4		0.099		213,394	10.9		0.052		64,038	22																																																																		
23			0.012		766,768		35.7	0.086		182,013	11.9		0.138		225,156	10.9		0.073		74,865	23																																																																		
24			0.012		766,536		35.7	0.084		146,229	9.5		0.150		234,506	9.5		0.082		84,281	24																																																																		
25			0.211	* 0.7	767,000		35.7	0.040		110,489	3.0		0.155		237,351	9.1		0.090		93,293	25																																																																		
26					767,000		35.7	0.040		74,749			0.111		194,040	3.5		0.094		96,699	26																																																																		
27					767,000		35.7	0.021		39,028		43.2	0.092		151,948	0.0		0.093		96,606	27																																																																		
28					767,000		35.7	0.002	+40.0	43,326		42.5	0.102		109,346			0.062		96,544	28																																																																		
29					767,000		17.1	0.014		26,212		45.7	0.038		63,608			0.079		96,465	29																																																																		
30					767,000		7.2	0.006		19,006		46.0	0.010		17,998			0.095		96,370	30																																																																		
31					767,000		1.8	0.008		17,198		17.6	0.0		0.0						31																																																																		
TOTAL			0.932	+733.9			786.2	3.602	+40.0		192.9	263.5	1.600	+55.0		97.2		0.830			TOTAL																																																																		
FOOTNOTES																																																																																							
1	a Release because Ferrinus Reservoir above allowable storage.																				1																																																																		
2	b Transferred to Tulare Irrigation District.																				2																																																																		
3	c Storage adjusted to maximum allowable.																				3																																																																		
4	d Transferred from Kaneah Delta Water Conservation District.																				4																																																																		
5	e Transferred from Evans Ditch (from Ketchum Ditch).																				5																																																																		
6																					6																																																																		
7																					7																																																																		
8																					8																																																																		
9																					9																																																																		
10																					10																																																																		
11																					11																																																																		
12																					12																																																																		
13																					13																																																																		
14																					14																																																																		
15																					15																																																																		
16																					16																																																																		
17																					17																																																																		
18																					18																																																																		
19																					19																																																																		
20																					20																																																																		
21																					21																																																																		
22																					22																																																																		
23																					23																																																																		
24																					24																																																																		
25																					25																																																																		
26																					26																																																																		
27																					27																																																																		
28																					28																																																																		
29																					29																																																																		
30																					30																																																																		
31																					31																																																																		
TOTAL																					TOTAL																																																																		

Table C-27

EVANS DITCH COMPANY  
FROM KETCHUM DITCH

OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY	
DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
1						21.8		0.060		433.953			0.105		726.689			0.105		723.437	1
2						20.6		0.125		454.428			0.103		726.586			0.106		723.331	2
3						19.8		0.156		474.032			0.103		726.483			0.106		723.225	3
4						18.6		0.205		496.427			0.206		726.277			0.106		723.119	4
5						17.9		0.071		510.256			0.207		726.070			0.106		723.013	5
6						17.8		0.0		528.056			0.105		725.965			0.106		722.907	6
7	7.4	0.005		7.395		13.1		0.077		542.079			0.105		725.860			0.106		722.801	7
8	11.9	0.012		19.283		11.9		0.0		555.179			0.105		725.755			0.106		722.695	8
9	10.7	0.012		29.971		13.9		0.083		568.996			0.105		725.650			0.106		722.589	9
10	9.9	0.008		39.863		12.6		0.085		581.511			0.105		725.545		13.6	0.103		722.484	10
11	18.6	0.022		58.441		13.1		0.173		594.438			0.105		725.440		21.8	0.0		722.378	11
12	23.8	0.043		82.198		12.6		0.265		606.773			0.0		725.340		21.8	0.0		722.272	12
13	22.6	0.054		104.744		11.9		0.270		618.403			0.0		725.240		24.3	0.024		722.166	13
14	21.8	0.064		126.480		11.9		0.367		629.936			0.105		725.135		23.3	0.021		722.060	14
15	22.8	0.097		148.183		11.9		0.375		641.461			0.105		725.030		21.8	0.068		721.954	15
16	20.6	0.082		168.701		10.7		0.151		651.970			0.105		724.925		20.6	0.170		721.848	16
17	19.8	0.091		188.410		9.9		0.097		661.773			0.105		724.820		22.2	0.164		721.742	17
18	18.6	0.066		206.944		8.7		0.108		670.275			0.105		724.715		22.5	0.157		721.636	18
19	15.4	0.071		222.273		7.9		0.201		677.974			0.211		724.610		23.0	0.075		721.530	19
20	15.4	0.150		234.723		7.9		0.204		693.954			0.106		724.505		30.0	0.142		721.424	20
21	11.9	0.157		246.466		7.9		0.206		693.954			0.212		724.400		33.8	0.133		721.318	21
22	11.9	0.123		258.243		7.9		0.208		701.056			0.106		724.295		33.8	0.154		721.212	22
23	11.9	0.129		270.014		7.9		0.211		708.745			0.0		724.190		36.2	0.114		721.106	23
24	10.7	0.134		280.580		7.9		0.107		716.538			0.106		724.085		36.5	0.092		721.000	24
25	9.9	0.139		290.341		7.9		0.215		724.223			0.106		723.980		50.4	0.044		720.894	25
26	12.4	0.048		302.693		3.0		0.216		727.007			0.106		723.875		50.9	0.072		720.788	26
27	20.1	0.096		322.697		0.0		0.108		726.899			0.0		723.770		51.6	0.095		720.682	27
28	23.8	0.101		346.396		0.0		0.0		726.899			0.105		723.665		51.6	0.105		720.576	28
29	22.6	0.213		362.783		0.0		0.0		726.899			0.105		723.560		23.0	0.075		720.470	29
30	21.8	0.055		390.588				0.105		726.794			0.105		723.455		7.9	0.0	0.037	720.364	30
31	21.8	0.115		412.213				0.105		726.794			0.105		723.350		7.9	0.0	0.040	720.258	31
TOTAL	434.3		2.087			319.2		4.619					3.292			15.8	606.04	2.780			TOTAL
DAY	FEBRUARY 1976				MARCH 1976					APRIL 1976					MAY 1976					DAY	
1	9.2		0.044	119.718	11.0		0.077		617.075	28.3		0.419		1435.222			0.822		2068.450	1	
2	9.9		0.048	129.570	18.1		0.077		635.098	29.2		0.27		1463.895			0.798		2067.652	2	
3	9.9		0.053	139.417	27.7		0.080		652.718	29.2		0.328		1492.777			0.866		2066.854	3	
4	9.9		0.0	149.317	27.0		0.080		669.637	29.2		0.377		1521.870			0.845		2066.056	4	
5	12.4		0.031	161.686	27.0		0.247		716.390	29.2		0.214		1550.856			0.663		2065.278	5	
6	16.4		0.034	174.052	25.9		0.168		742.122	29.2		0.339		1579.517			0.572		2064.706	6	
7	15.3		0.0	193.352	25.1		0.256		766.966	29.2		0.433		1608.284			0.805		2063.908	7	
8	13.9		0.0	207.252	24.9		0.261		791.605	29.2		0.324		1637.060			1.030		2063.110	8	
9	22.6		0.0	229.852	25.0		0.088		816.517	29.1		0.327		1665.833			1.009		2062.312	9	
10	27.8		0.046	297.636	25.2		0.089		842.688	29.2		0.327		1694.706			0.913		2061.514	10	
11	24.1		0.049	281.657	25.7		0.090		868.238	29.2		0.219		1723.687		0.818			2060.716	11	
12	19.3		0.051	300.906	25.0		0.275		892.963	29.2		0.330		1752.537		1.230			2059.918	12	
13	17.9		0.054	318.782	25.0		0.279		917.684	29.2		0.378		1781.379		1.332			2059.120	13	
14	17.9		0.056	336.596	26.2		0.282		943.602	29.2		0.442		1810.137		1.226			2058.322	14	
15	17.9		0.058	354.438	28.2		0.285		971.517	29.2		0.333		1839.004		1.067			2057.524	15	
16	17.8		0.060	372.178	29.0		0.381		1000.136	29.2		0.669		1867.535		1.046			2056.726	16	
17	17.9		0.062	390.016	28.9		0.480		1028.556	29.2		0.671		1896.064		0.965			2055.928	17	
18	16.5		0.127	406.389	27.5		0.288		1057.968	29.2		0.562		1924.702		0.825			2055.130	18	
19	19.3		0.062	425.282	27.5		0.327		1088.881	29.2		0.297		1953.115		0.817			2054.332	19	
20	19.3		0.068	445.053	27.4		0.391		1109.890	28.8		0.783		1981.132		0.806			2053.534	20	
21	17.9		0.139	468.816	27.6		0.394		1137.096	28.6		0.716		2008.956		19.1	0.867		2052.736	21	
22	17.9		0.140	480.778	28.0		0.297		1164.799	12.7		0.759		2036.897		30.6	0.767		2051.938	22	
23	17.8		0.146	498.228	27.4		0.299		1191.900	0.0		0.707		2064.838		30.6	0.875		2051.140	23	
24	16.6		0.149	514.679	27.6		0.401		1219.099	0.0		0.827		2092.779		30.6	0.818		2050.342	24	
25	15.9		0.076	530.503	28.0		0.302		1246.797	0.0		0.908		2120.720		30.7	0.948		2049.544	25	
26	15.9		0.154	546.249	28.0		0.506		1274.291	0.0		0.899		2148.661		30.7	1.143		2048.746	26	
27	17.1		0.157	563.192	28.0		0.204		1302.087	17.9		0.883		2176.602		30.8	1.277		2047.948	27	
28	17.9		0.159	580.933	27.4		0.411		1329.076	28.6		0.880		2204.543		30.8	0.964		2047.150	28	
29	25.3		0.081	606.152	26.4		0.421		1354.991	10.7		0.868		2232.484		31.0	0.969		2046.352	29	
30					26.6		0.623		1380.968	0.0		0.863		2260.425		31.1	0.846		2045.554	30	
31					27.0		0.627		1407.341						31.2		0.919		2044.756	31	
TOTAL	497.7		2.110		810.3		9.111			679.0		17.069			327.2		28.808				TOTAL
DAY	JUNE 1976					JULY 1976					OCTOBER 1976					DECEMBER 1976					DAY
1	31.1			2397.686	30.6		1.405		2355.885	15.7		0.004		15.696							1
2	31.0		0.933	2427.793	30.6		1.623		2383.262	25.1		0.014		40.782							2
3	31.1		1.006	2457.897	30.6		1.435		2410.227	25.2		0.021		65.961							3
4	31.2		1.150	2487.897	30.6		1.659		2438.968	26.0		0.038		89.383							4
5	27.4		1.094	2514.203	30.6		1.705		2468.663	20.7		0.058		110.565							5
6	26.4		1.037	2539.566	30.6		1.597		2494.466	18.0		0.072		128.493							6
7	24.7		0.908	2563.358	33.6795		1.618		2519.170	16.8		0.111		143.182							7
8	22.6		0.778	2585.180	130.1		1.564		2027.506	13.1		0.103		156.179							8
9	20.4		0.870	26																	

Table C-27 (Cont'd)

EVANS DITCH COMPANY  
FROM KETCHUM DITCH

DAY	JANUARY 1977					FEBRUARY 1977					MARCH 1977					APRIL 1977					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1	3.4		0.001		8,198	0.0		0.007		43,909	8.9		0.081		323,253	10.3		0.213		520,935	1	
2	6.7		0.005		14,893	1.2		0.007		45,102	5.6		0.124		388,739	12.3		0.271		532,964	2	
3	19.3		0.006		34,187	0.7		0.014		45,788	4.8		0.124		333,415	11.5		0.275		544,189	3	
4	14.7		0.008		48,879	5.8		0.016		51,572	4.8		0.125		338,090	16.5		0.338		560,351	4	
5	3.1		0.009		31,970	9.6		0.019		61,153	4.8		0.127		342,763	21.9		0.348		581,903	5	
6	0.0	3.7	0.008		48,262	9.8		0.011		70,942	4.8		0.213		347,350	27.0		0.417		608,486	6	
7		2.2	0.008		46,054	9.7		0.024		80,618	4.7		0.171		351,879	29.8		0.427		637,259	7	
8		1.3	0.007		44,747	9.6		0.027		90,132	4.7		0.189		356,450	29.0		0.310		665,949	8	
9		3.2	0.007		41,540	9.7		0.015		99,876	5.4		0.043		361,807	29.0		0.190		694,759	9	
10		1.4	0.0		40,140	9.6		0.038		109,444	5.8		0.131		367,476	29.1		0.325		723,534	10	
11		0.0	0.007		40,133	10.0		0.035		119,409	5.1		0.132		372,444	29.2		0.399		752,335	11	
12			0.006		40,126	7.3		0.037		126,672	6.0		0.133		378,311	29.2		0.475		781,060	12	
13			0.006		40,120	8.1		0.039		134,733	6.1		0.135		384,276	29.2		0.415		809,845	13	
14			0.0		40,120	9.7		0.063		144,371	5.1		0.136		389,240	29.2		0.493		838,582	14	
15			0.0		40,120	9.6		0.066		153,905	4.9		0.136		394,004	29.0		0.569		866,983	15	
16			0.006		40,114	10.1		0.070		163,935	6.2		0.046		400,158	28.7		0.498		895,185	16	
17	1.2		0.007		41,307	10.7		0.074		174,361	5.6		0.138		405,620	28.6		0.497		923,288	17	
18	2.0		0.007		43,300	9.7		0.103		183,958	4.7		0.093		410,227	28.6		0.570		951,318	18	
19	.7		0.007		43,993	10.1		0.108		193,950	4.7		0.139		414,788	28.6		0.651		979,257	19	
20			0.007		43,986	7.4		0.056		201,294	4.8		0.140		419,448	28.7		0.733		1,007,234	20	
21			0.007		43,979	9.0		0.0		210,294	5.4		0.188		424,660	28.8		0.668		1,035,366	21	
22			0.007		43,972	20.5		0.062		230,732	7.7		0.237		432,123	28.8		0.602		1,063,564	22	
23			0.007		43,965	20.0		0.033		250,699	10.3		0.192		442,331	28.8		0.761		1,091,603	23	
24			0.007		43,958	15.5		0.035		266,164	11.1		0.146		453,185	28.8		0.539		1,119,864	24	
25			0.0		43,958	14.0		0.109		280,055	11.1		0.050		464,235	28.8		0.683		1,148,401	25	
26			0.007		43,951	11.9		0.113		291,842	9.9		0.201		473,934	28.7		0.471		1,176,476	26	
27			0.007		43,944	11.7		0.078		302,864	9.1		0.254		482,780	28.7		0.554		1,204,310	27	
28			0.007		43,937	11.7		0.120		314,444	9.7		0.205		492,275	28.8		0.639		1,232,577	28	
29			0.007		43,930						8.0		0.260		500,013	28.8		0.564		1,260,813	29	
30			0.007		43,923						6.1		0.137		505,988	28.8		0.244		1,289,369	30	
31			0.007		43,916						5.1		0.210		510,848							31
TOTAL	51.1	11.8	0.183			271.9		1.372			201.0		4.596			792.6		14.079				TOTAL
DAY	MAY 1977					JUNE 1977					JULY 1977					AUGUST 1977					DAY	
1	30.8		0.492		1319,677			1.342		2083,164			1.611		2561,458		43,170	0.0		0.0	1	
2	31.9		0.497		1351,060			1.067		2282,097			1.888		2562,630						2	
3	31.9		0.671		1382,309			1.210		2080,887			1.755		2560,875						3	
4	30.6		0.580		1412,229	19.0		1.281		2098,606			1.585		2559,290						4	
5	30.5		0.602		1442,127	30.5		1.041		2128,065			1.610		2557,680						5	
6	29.6		0.521		1471,206	30.7		1.123		2157,642			1.737		2555,943						6	
7	27.4		0.351		1498,255	30.8		1.370		2187,072			1.573		2551,970						7	
8	28.0		0.377		1526,078	30.6		0.887		2216,785			1.709		2552,175						8	
9	30.8		0.179		1556,699	11.5		0.236		2228,047			1.937		2550,298						9	
10	30.6		0.362		1586,937	0.0		0.619		2227,428		63.98	1.815		2884,843						10	
11	31.1		0.273		1617,764	19.3		0.928		2245,800			1.761		2365,582						11	
12	31.9		0.368		1647,296	11.2		1.011		2275,989			1.804		2245,178						12	
13	31.7		0.185		1680,511	31.3		1.018		2306,271			1.740		2245,438						13	
14	30.4		0.467		1710,744	31.5		1.026		2336,745			1.675		2207,263						14	
15	31.1		0.847		1740,997	31.5		1.196		2367,049			1.613		1891,690						15	
16	31.8		0.659		1772,148	29.1		1.156		2395,083			1.117		1777,933						16	
17	31.9		0.949		1803,089	27.3		1.298		2421,028			1.399		1663,534						17	
18	30.0		0.671		1832,418	25.1		1.147		2444,978			1.255		1550,079						18	
19	30.8		0.866		1862,352	21.8		1.154		2465,624			1.119		1437,063						19	
20	31.8		0.964		1893,158	19.9		1.002		2484,522			1.055		1384,508						20	
21	31.5		1.055		1923,633	18.9		1.352		2502,070			0.990		1211,818						21	
22	11.8		0.733		1934,680	18.6		1.621		2519,049			0.988		1098,236						22	
23	0.0		0.460		1939,220	16.9		1.648		2534,311			0.790		981,816						23	
24	19.7		0.549		1953,371	13.9		1.483		2546,728			0.718		869,228						24	
25	31.7		0.826		1984,245	12.0		1.497		2557,231			0.639		754,189						25	
26	31.8		0.829		2015,216	11.9		1.603		2567,528			0.596		637,693						26	
27	31.7		0.919		2045,997	4.5		1.713		2570,315			0.433		520,460						27	
28	31.5		1.008		2076,489	0.0		1.365		2568,950			0.372		403,288						28	
29	11.8		1.261		2087,088			1.292		2567,658			0.298		286,396						29	
30	0.0		1.333		2095,795			1.589		2566,069			0.188		167,008						30	
31			1.283		2084,506								0.038		43,170						31	
TOTAL	816.1		20.963			517.8		36.237				2484.68	38.219			43,170						TOTAL
DAY	DECEMBER 1977					AUGUST 1978					SEPTEMBER 1978					FEBRUARY 1979					DAY	
1												20.5		0.565		587,680					1	
2												18.0		0.622		606,198					2	
3												15.9		0.607		680,451					3	
4												5.5		0.0		625,951					4	
5												0.0		0.0		625,951					5	
6								0.0		0.0				0.228		625,723					6	
7								0.0		0.0				0.272		625,451					7	
8								0.0		0.0				0.393		625,128					8	
9								0.0		0.0				0.332		640,896					9	
10								0.0		0.0				0.289		666,407					10	
11								0.062		108,044			7.232		0.298		684,677					11
12								0.085		138,059			43.9									

Table C-27 (Cont'd)

EVANS DITCH COMPANY  
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
																						MARCH 1979
1			0.003		16.591			0.002		16.496			0.004		16.388					0.007	16.231	1
2			0.003		16.588			0.004		16.492			0.004		16.384					0.007	16.228	2
3			0.004		16.584			0.004		16.488			0.004		16.380					0.006	16.225	3
4			0.004		16.580			0.004		16.484			0.005		16.375					0.006	16.212	4
5			0.004		16.576			0.004		16.480			0.005		16.370					0.006	16.206	5
6			0.004		16.572			0.002		16.478			0.004		16.366					0.007	16.199	6
7			0.005		16.567			0.003		16.475			0.003		16.363					0.006	16.193	7
8			0.005		16.562			0.004		16.471			0.002		16.361					0.007	16.186	8
9			0.005		16.557			0.003		16.468			0.004		16.357					0.007	16.179	9
10			0.004		16.553			0.003		16.465			0.005		16.352					0.007	16.172	10
11			0.003		16.550			0.003		16.462			0.005		16.347					0.008	16.164	11
12			0.004		16.546			0.003		16.459			0.007		16.340					0.007	16.157	12
13			0.004		16.542			0.004		16.455			0.007		16.333					0.006	16.151	13
14			0.002		16.540			0.005		16.450			0.007		16.326					0.005	16.146	14
15			0.003		16.537			0.005		16.445			0.006		16.320					0.005	16.141	15
16			0.002		16.535			0.004		16.441			0.005		16.315					0.006	16.135	16
17			0.001		16.534			0.003		16.438			0.006		16.309					0.004	16.131	17
18			0.003		16.531			0.003		16.435			0.005		16.304					0.006	16.125	18
19			0.001		16.530			0.004		16.431			0.005		16.299					0.006	16.119	19
20			0.003		16.527			0.004		16.427			0.005		16.294					0.006	16.113	20
21			0.002		16.525			0.004		16.423			0.004		16.290					0.006	16.107	21
22			0.002		16.523			0.004		16.419			0.004		16.286				0.0	0.005	16.102	22
23			0.004		16.519			0.004		16.415			0.004		16.282				9.483	0.008	6.617	23
24			0.004		16.515			0.004		16.411			0.005		16.277				6.617	0.0	0.0	24
25			0.004		16.513			0.003		16.408			0.006		16.271				0.0	0.0	0.0	25
26			0.002		16.509			0.002		16.406			0.006		16.265				0.0	0.006	16.265	26
27			0.003		16.506			0.003		16.403			0.005		16.260					0.005	16.260	27
28			0.001		16.505			0.003		16.400			0.005		16.255					0.005	16.255	28
29			0.003		16.502			0.004		16.396			0.005		16.250					0.005	16.250	29
30			0.001		16.501			0.004		16.392			0.006		16.244					0.006	16.244	30
31			0.003		16.498			0.004		16.389			0.006		16.238					0.006	16.238	31
TOTAL			0.096					0.106					0.134					16.100	0.138			TOTAL
DAY	JULY 1979					AUGUST 1979					OCTOBER 1979					NOVEMBER 1979					DAY	
1						24.2		0.026		24.174			8.4		0.093			196.764			1	
2						16.3		0.044		40.430			7.9		0.095			204.569			2	
3						1.1		0.040		41.490			10.1		0.099			214.570			3	
4							8.1	0.032		33.358			14.6		0.069			229.101			4	
5							7.2	0.028		26.130			14.4		0.108			243.393			5	
6										26.901			12.5		0.112			255.781			6	
7						2.8		0.029		35.257			11.4		0.115			267.066			7	
8						6.4		0.049		36.408			11.7		0.118			276.648			8	
9						3.2		0.041		26.567			11.7		0.082			290.256			9	
10							12.8	0.025		+30.000			11.5		0.094			301.682			10	
11							19.0	0.028		34.714			10.8		0.086			312.396			11	
12	0.0				0.0		12.0	0.019		22.695			11.1		0.132			323.364			12	
13	9.5		0.005		9.495			0.021		22.874			10.4		0.135			333.629			13	
14	14.9		0.014		24.381			0.026		29.748			9.1		0.093			342.636			14	
15	14.5		0.026		28.855			0.017		+13.000			3.3		0.187			345.749			15	
16	12.2		0.037		51.018			0.019		19.712			0.0		0.140			345.609			16	
17			0.031		47.187			0.004		8.008			0.0		0.046			345.563			17	
18		3.8	0.036		40.461			0.0		0.0			0.0		0.046			345.517			18	
19		6.7	0.030		41.131			8.008		0.0			16.1		0.046			345.471			19	
20		1.4	0.016		39.713					0.0			0.006		0.091			345.380			20	
21	1.6		0.019		41.296					23.4			0.014		0.094			345.291			21	
22	6.6		0.031		47.865					18.6			0.031		0.045			345.246			22	
23	3.0		0.031		50.834					14.4			0.021		0.090			345.156			23	
24			0.029		39.105					13.5			0.059		0.045			345.111			24	
25			0.014		38.291					14.0			0.034		0.009			345.022			25	
26															0.020			344.985			26	
27			0.013		16.978					19.7			0.046		0.045			344.933			27	
28			0.001		1.977					20.6			0.031		0.090			344.888			28	
29										16.1			0.031		0.090			344.798			29	
30										12.9			0.055		0.090			344.708			30	
31										10.6			0.086		0.090			344.618			31	
TOTAL	63.0	82.677	0.383	+20.000*		56.1	103.608	0.492	+48.000*	189.0	0.343		158.9	2.739							TOTAL	
DAY	DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					MARCH 1980					DAY	
1			0.091		344.587			0.041		342.397			0.018		341.659			340.468			1	
2			0.136		344.391			0.083		342.314			0.037		341.622			340.440			2	
3			0.003		344.294			0.042		342.272			0.012		341.612			340.422			3	
4			0.137		344.117			0.042		342.230			0.010		341.602			340.385			4	
5			0.092		344.025			0.0		342.230			0.020		341.582			340.367			5	
6			0.092		343.933			0.044		342.186			0.010		341.572			340.349			6	
7			0.091		343.842			0.044		342.142			0.032		341.540			340.295			7	
8			0.137		343.705			0.045		342.097			0.034		341.486			340.231			8	
9			0.091		343.614			0.0		342.057			0.056		341.430			340.167			9	
10			0.046		343.568			0.041		342.056			0.058		341.372			340.139			10	
11			0.0		343.568			0.034		342.022			0.073		341.299			340.093			11	
12			0.046		343.522			0.0		342.022			0.063		341.236			340.056			12	
13			0.091		343.431			0.008		342.014			0.013		341.223			340.015			13	
14			0.046		343.385			0.020		341.994			0.014		341.209			339.964			14	
15			0.046		343.339			0.006		341.988			0.028		341.181			339.918			15	
16			0.091		343.248			0.006		341.982			0.027		341.154			339.854			16	
17			0.091		343.157			0.006</														

Table C-27 (Cont'd)

EVANS DITCH COMPANY  
FROM KETCHUM DITCH

DAY	APRIL 1980			MAY 1980			JUNE 1980			AUGUST 1980			DAY					
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE		EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1			0.086		338.774					333.480						1		
2			0.087		338.687					333.381						2		
3			0.088		338.599					333.284						3		
4			0.033		338.566					333.186						4		
5			0.011		338.555					333.085						5		
6			0.077		338.478					332.993						6		
7			0.066		338.412					332.896						7		
8			0.087		338.385					332.796						8		
9			0.097		338.288					332.663						9		
10			0.086		338.142					332.551						10		
11			0.108		338.034					332.440						11		
12			0.129		337.905					332.349						12		
13			0.128		337.777					332.258						13		
14			0.095		337.682					332.141						14		
15			0.095		337.587					332.015						15		
16			0.125		337.462					331.894						16		
17			0.134		337.328					331.773						17		
18			0.113		337.215					331.659						18		
19			0.123		337.092					331.537						19		
20			0.082		337.010					331.440						20		
21			0.093		336.917					331.330						21		
22			0.053		336.864					0.0						22		
23			0.043		336.821					0.0						23		
24			0.063		336.758					0.0						24		
25			0.083		336.675					0.0						25		
26			0.091		336.584					0.0						26		
27			0.098		336.486					0.0						27		
28			0.047		336.439					0.0						28		
29			0.009		336.430					0.0						29		
30			0.064		336.366					0.0						30		
31																31		
TOTAL			2.494							2.351	-331.230 <sup>d</sup>					TOTAL		
DAY	SEPTEMBER 1980			FOOTNOTES												DAY		
1		52.6	0.018		26.112	a 67.4 acre-feet diverted from Lower Kaweah.												1
2		26.112	0.0		0.0	b 1694.610 acre-feet diverted in Lower Kaweah.												2
3						c Released for diversion in Lower Kaweah.												3
4						d Released because Terminus Reservoir above allowable storage.												4
5						e Transferred from Kaweah Delta Water Conservation District.												5
6						f Storage adjusted to maximum allowable.												6
7						g Transferred to Evans Ditch (from Lower Kaweah).												7
8																		8
9																		9
10																		10
11																		11
12																		12
13																		13
14																		14
15																		15
16																		16
17																		17
18																		18
19																		19
20																		20
21																		21
22																		22
23																		23
24																		24
25																		25
26																		26
27																		27
28																		28
29																		29
30																		30
31																		31
TOTAL		78.712	0.018															TOTAL
DAY																DAY		
1																1		
2																2		
3																3		
4																4		
5																5		
6																6		
7																7		
8																8		
9																9		
10																10		
11																11		
12																12		
13																13		
14																14		
15																15		
16																16		
17																17		
18																18		
19																19		
20																20		
21																21		
22																22		
23																23		
24																24		
25																25		
26																26		
27																27		
28																28		
29																29		
30																30		
31																31		
TOTAL																TOTAL		

Table C-28

WATSON DITCH COMPANY  
FROM LOWER KAMAH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
OCTOBER 1975																						
1										82.819					82.211					81.841	1	
2										82.796					82.199					81.829	2	
3										82.762					82.167					81.817	3	
4										82.728					82.164					81.805	4	
5										82.716					82.151					81.793	5	
6										0.0					82.129					81.781	6	
7										0.012					82.117					81.769	7	
8										0.012					82.105					81.757	8	
9										0.012					82.093					81.745	9	
10										0.012					82.081					81.733	10	
11	19.8		0.007		19.793					82.656					82.069					0.0	81.733	11
12	21.8		0.022		41.571					82.620					82.069					0.0	81.733	12
13	6.0		0.004		47.547					82.584					82.069					0.012	81.723	13
14	0.0		0.004		47.523					82.536					82.057					0.012	81.712	14
15			0.031		47.498					82.488					82.045					0.013	81.695	15
16			0.023		47.469					82.464					82.033					0.025	81.670	16
17			0.013		47.446					82.438					82.021					0.025	81.645	17
18			0.015		47.431					82.428					82.009					0.025	81.620	18
19			0.015		47.416					82.404					82.004					0.013	81.607	19
20			0.030		47.386					82.379					81.973					0.025	81.592	20
21			0.023		47.356					82.355					81.949		7.4			0.023	74.159	21
22			0.023		47.333					82.331					81.927					0.020	62.239	22
23			0.023		47.310					82.307					81.937					0.015	50.393	23
24			0.023		47.287					82.295					81.925					0.005	38.417	24
25			0.023		47.264					82.271					81.913					0.005	27.712	25
26			0.007		47.257					82.247					81.901					0.005	16.506	26
27	19.8		0.020		67.037					82.235					81.901					0.002	4.604	27
28	14.4		0.024		81.413					82.235					81.889					0.002	4.604	28
29	1.1		0.048		82.865					82.235					81.877					0.002	4.604	29
30	0.0		0.023		82.853					82.223					81.865					0.002	4.598	30
31			0.023		82.830					82.223					81.853					0.002	4.598	31
TOTAL		83.3		0.470				0.607					0.370					76.9	0.357		TOTAL	
NOVEMBER 1975																						
DECEMBER 1975																						
JANUARY 1976																						
FEBRUARY 1976																						
MARCH 1976																						
APRIL 1976																						
MAY 1976																						
JUNE 1976																						
JULY 1976																						
SEPTEMBER 1976																						
OCTOBER 1976																						

Table C-28 (Cont'd)

WATSON DITCH COMPANY  
FROM LOWER KAWAHI

IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																													
NOVEMBER 1976																				APRIL 1977																				MAY 1977																				JUNE 1977																					
1			0.006	12.943						25.9		0.260	695.560	47.8	0.950	1474.512	1			1																																																													
2			0.008	12.935								0.263	725.497	48.8	0.780	1552.938	2			2																																																													
3		12.9	0.009	12.956								0.355	733.862	50.0	0.924	1572.018	3			3																																																													
4				0.0								0.308	737.687	50.9	0.990	1621.988	4			4																																																													
5												0.261	737.379	52.6	0.819	1673.709	5			5																																																													
6												0.172	737.118	52.9	0.898	1725.711	6			6																																																													
7					18.7		0.013		18.687			0.172	736.946	47.4	1.110	1772.003	7			7																																																													
8					37.4		0.026		56.061			0.085	736.861	50.1	0.729	1821.372	8			8																																																													
9					35.8		0.025		91.836			0.085	736.776	47.6	0.906	1868.772	9			9																																																													
10					12.1		0.047		103.889	0.0		0.308	736.608	47.6	0.533	1915.839	10			10																																																													
11					6.9		0.059		110.730	14.3		0.127	750.781	53.3	0.813	1968.305	11			11																																																													
12					15.9		0.077		126.553	17.2		0.171	767.810	44.0	0.893	2011.433	12			12																																																													
13					20.2		0.075		146.678	5.2		0.065	772.925	30.2	0.900	2040.733	13			13																																																													
14					18.3		0.097		164.881	0.0		0.211	772.714	24.0	0.906	2063.827	14			14																																																													
15					32.4		0.129		197.152	14.3		0.382	786.632	12.3	1.048	2075.079	15			15																																																													
16					48.1		0.137		245.415	31.2		0.304	817.588	2.9	0.977	2077.002	16			16																																																													
17					52.0		0.160		297.255	20.4		0.441	837.487	0.4	1.113	2076.289	17			17																																																													
18					53.0		0.210		350.045	4.1		0.308	894.279	0.0	0.974	2075.315	18			18																																																													
19					13.4		0.261		393.184	11.8		0.397	892.682	0.0	0.971	2074.344	19		0.0	19																																																													
20					29.9		0.308		422.776	29.8		0.449	882.033	27.6	0.824	2045.920	20			20																																																													
21					25.9		0.289		448.387	45.9		0.509	927.424	39.1	1.053	2005.737	21			21																																																													
22					21.6		0.266		469.723	50.8		0.381	977.843	65.1	1.248	1939.389	22			22																																																													
23					17.5		0.340		486.881	51.0		0.285	1028.598	88.4	1.197	1849.792	23			23																																																													
24					22.2		0.285		508.836	52.1		0.304	1090.394	105.6	1.015	1743.177	24			24																																																													
25					23.0		0.288		531.548	51.6		0.471	1131.553	105.6	0.958	1656.619	25			25																																																													
26					27.4		0.224		558.784	46.8		0.184	1177.834	102.9	0.998	1532.761	26			26																																																													
27					29.2		0.270		587.654	51.2		0.552	1228.487	103.9	0.952	1427.909	27			27																																																													
28					28.2		0.319		615.535	53.1		0.622	1280.965	103.1	0.704	1304.109	28			28																																																													
29					28.2		0.288		643.447	50.8		0.804	1330.961	105.5	0.612	1217.993	29			29																																																													
30					26.6		0.127		669.920	48.9		0.883	1380.045	107.8	0.687	1109.506	30			30																																																													
31																					31																																																												
TOTAL	12.9		0.023		674.2		4.280			769.4		11.258		662.8	954.6	26.756				TOTAL																																																													
JULY 1977																				DECEMBER 1977																				JUNE 1978																				JULY 1978																					
1	108.1		0.689	1000.777											28.0	0.186	556.074	1		1																																																													
2	108.7		0.536	891.441											27.1	0.167	528.807	2		2																																																													
3	109.1		0.416	781.805											27.8	0.173	500.834	3		3																																																													
4	109.8		0.354	671.589											27.8	0.163	472.871	4		4																																																													
5	108.6			562.635											27.8	0.153	444.918	5		5																																																													
6	107.9		0.308	454.427											21.6	0.158	423.160	6		6																																																													
7	107.9		0.267	346.260											17.9	0.164	405.096	7		7																																																													
8	110.2		0.166	235.894											17.9	0.157	387.039	8		8																																																													
9	109.3		0.096	126.438											17.9	0.167	368.972	9		9																																																													
10	108.4		0.014	15.084											17.9	0.154	350.918	10		10																																																													
11		18.1													16.6	0.123	334.195	11		11																																																													
12															15.9	0.112	318.183	12		12																																																													
13															6.0	0.118	302.155	13		13																																																													
14															0.0	0.118	296.037	14		14																																																													
15															0.0	0.119	295.918	15		15																																																													
16					0.0		0.0		0.0						0.125	295.793	16		16																																																														
17					27.3		0.004		27.296						0.135	295.697	17		17																																																														
18					49.4		0.018		76.684						0.144	295.513	18		18																																																														
19					19.8		0.014		96.470						0.132	295.381	19		19																																																														
20					0.0		0.014		96.456						0.150	295.231	20		20																																																														
21							0.014		96.442						0.127	295.104	21		21																																																														
22					0.0		0.028		96.414						0.135	294.969	22		22																																																														
23					32.7		0.018		189.096						0.160	294.809	23		23																																																														
24					32.7		0.043		161.753						0.142	294.667	24		24																																																														
25					7.8		0.022		169.531						0.091	294.586	25		25																																																														
26					31.2		0.0		200.731						0.125	294.461	26		26																																																														
27					72.1		0.026		272.8						0.135	294.386	27		27																																																														
28					0.0		0.0				0.0				0.130	294.187	28		28																																																														
29											0.0		684.000		0.130	294.097	29		29																																																														
30											0.0		654.019		0.147	293.910	30		30																																																														
31											0.0		584.260		0.151	293.759	31		31																																																														
TOTAL	1106.1		3.422		273.0		0.195	-272.8			99.2	0.540			286.1	4.401				TOTAL																																																													
AUGUST 1978																				SEPTEMBER 1978																				FEBRUARY 1979																				MARCH 1979																					
1			0.163	291.596						25.705					8.9	0.043	234.933	1		1																																																													
2			0.169	293.427						25.674					18.1	0.046	252.987	2		2																																																													
3			0.175	293.252						25.649					19.6	0.072	272.515	3		3																																																													
4			0.127	291.125						45.449					19.0	0.076	291.139	4		4																																																													
5		0.0	0.190	292.935						84.649					7.1	0.075	298.464	5		5																																																													
6		29.8	0.224	262.911	35.0	0.0	0.044		119.605						0.0	0.073	298.391	6		6																																																													
7		47.6	0.152	215.159	11.1	9.9	0.053		120.752						0.0	0.091	298.298	7		7																																																													
8		47.6	0.092	167.467	0.0	21.3	0.050		97.402						8.8	0.092	307.006	8		8																																																													
9		51.3	0.071	116.096			0.036		69.566						10.3	0.090	317.216	9		9																																																													
10		52.3	0.044	63.752			0.015		41.748						9.7	0.098	326.828	10		10																																																													
11		55.1	0.005	8.447			0.011		25.137						11.9	0.066	338.662	11		11																																																													
12		8.5	0.0	0.0			16.6		9.932						11.9	0.097	350.475	12		12																																																													
13		0.0					9.0		0.0						16.4	0.091	366.781	13		13																																																													
14															13.3	0.044	380.040	14		14																																																													
15															8.3	0.065	388.275	15		15																																																													
16		8.4	0.005	8.395											7.5	0.043	395.732	16		16																																																													
17		7.4	0.013	15.782											9.0	0.040	404.698	17		17																																																													
18		4.7	0.024	20.468											8.3	0.065	412.907	18		18																																																													
19		1.5	0.016	21.952											5.4	0.021	422.966	19		19																																																													
20	</																																																																																



Table C-28 (Cont'd)

WATSON DITCH COMPANY  
FROM LOWER KAMZAH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
APRIL 1979																						MAY 1979					JUNE 1979					OCTOBER 1979					DAY
1	13.9	0.059			566.489	21.8	0.249			1146.667		0.0	0.428			994.717					1																
2	15.0	0.140			581.349	14.4	0.248			1160.819		11.2	0.409			943.103					2																
3	15.8	0.131			596.406	11.2	0.319			1171.700		17.9	0.362			904.841					3																
4	15.0	0.161			611.247	21.8	0.356			1173.144		17.9	0.315			906.666					4																
5	14.0	0.162			625.085	34.0	0.350			1226.794		17.9	0.331			888.395					5																
6	31.9	0.083			656.902	14.1	0.314			1240.580		14.1	0.361			873.934					6																
7	43.2	0.130			673.793	0.0	0.190			1240.390		15.6	0.296			858.038					7																
8	43.4	0.180			743.192		0.140			1240.750		22.8	0.359			834.679					8																
9	36.1	0.139			779.153		0.303			1239.947		25.8	0.350			806.729					9																
10	31.7	0.165			810.686		0.371			1239.576		25.8	0.365			782.967					10																
11	31.7	0.146			842.242		0.435			1239.161		25.8	0.394			756.373					11																
12	31.7	0.149			873.793	0.0	0.503			1238.658		25.8	0.310			730.263					12																
13	31.7	0.204			905.289	5.0	0.542			1243.116		32.0	0.250			698.013					13																
14	36.7	0.260			941.729	7.9	0.598			1250.458		35.7	0.221			662.092					14																
15	42.2	0.292			983.637	4.2	0.460			1254.198		43.2	0.201			618.691					15																
16	31.2	0.269			1014.568	18.1	0.392			1271.906		47.6	0.196			570.895					16																
17	36.2	0.191			1050.577	25.3	0.457			1296.749		47.6	0.143			523.152					17																
18	23.8	0.222			1074.155	25.8	0.432			1300.117		47.6	0.169			475.383					18																
19	4.5	0.249			1078.406	25.0	0.449			1304.668		47.6	0.193			427.630	0.0	0.0			19																
20	0.0	0.276			1078.130	27.0	0.446			1371.222		47.6	0.139			379.891	19.8	0.007		0.0	20																
21	0.0	0.274			1077.856	27.8	0.336			1398.686		47.6	0.132			332.159	11.9	0.0		0.0	21																
22	0.0	0.272			1077.584	10.4	0.331			1408.755		47.6	0.096			284.463	0.0	0.0		0.0	22																
23	0.0	0.268			1077.316	0.0	0.347			1408.408		47.6	0.085			236.778	0.0	0.0		0.0	23																
24	17.3	0.263			1099.753	43.4	0.449			1364.559		47.6	0.078			189.100	0.0	0.0		0.0	24																
25	10.4	0.207			1049.146	112.8	0.432			1291.327		47.6	0.097			141.443	0.0	0.0		0.0	25																
26	0.0	0.152			1048.994	89.3	0.425			1163.602		47.6	0.033			93.810	2.5	0.006		34.103	26																
27	12.4	0.202			1061.192	22.3	0.349			1138.593		31.5	0.084			62.257	1.5	0.012		35.591	27																
28	21.1	0.226			1086.066	18.6	0.310			1180.943		47.6	0.006			34.691	0.0	0.0		36.853	28																
29	21.8	0.300			1103.566	49.6	0.326			1070.117		14.7	0.0			0.0	0.0	0.0		35.567	29																
30	21.8	0.250			1125.116	80.1	0.344			969.673						0.0	0.0	0.0		35.590	30																
31						34.2	0.333			995.140						0.0	0.0	0.0		35.533	31																
TOTAL	606.2	27.7	6.032			291.8	450.3	11.476				948.9	6.260			35.7	0.167				TOTAL																
NOVEMBER 1979																						DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					DAY
1		0.017			35.516		0.009			35.199		0.004			34.982			0.002			34.907	1															
2		0.017			35.499		0.014			35.185		0.008			34.974			0.004			34.903	2															
3		0.016			35.483		0.014			35.171		0.004			34.970			0.001			34.902	3															
4		0.011			35.472		0.014			35.157		0.004			34.966			0.001			34.901	4															
5		0.016			35.456		0.009			35.148		0.0			34.966			0.002			34.899	5															
6		0.015			35.441		0.009			35.139		0.004			34.962			0.001			34.898	6															
7		0.015			35.426		0.009			35.130		0.005			34.957			0.003			34.895	7															
8		0.015			35.411		0.014			35.116		0.005			34.952			0.006			34.889	8															
9		0.010			35.401		0.009			35.107		0.006			34.952			0.006			34.883	9															
10		0.010			35.391		0.005			35.106		0.004			34.948			0.006			34.877	10															
11		0.010			35.381		0.0			35.102		0.003			34.945			0.007			34.870	11															
12		0.011			35.367		0.005			35.097		0.0			34.945			0.006			34.864	12															
13		0.014			35.353		0.009			35.088		0.001			34.944			0.001			34.863	13															
14		0.010			35.343		0.005			35.083		0.002			34.942			0.001			34.862	14															
15		0.019			35.324		0.005			35.078		0.001			34.941			0.003			34.859	15															
16		0.014			35.310		0.009			35.069		0.001			34.940			0.003			34.856	16															
17		0.005			35.305		0.009			35.060		0.001			34.939			0.003			34.853	17															
18		0.005			35.300		0.019			35.041		0.001			34.938			0.004			34.849	18															
19		0.005			35.295		0.009			35.032		0.002			34.936			0.013			34.836	19															
20		0.009			35.286		0.009			35.023		0.002			34.934			0.003			34.833	20															
21		0.009			35.277		0.0			35.023		0.002			34.932			0.005			34.828	21															
22		0.005			35.272		0.005			35.018		0.002			34.930			0.004			34.824	22															
23		0.009			35.263		0.005			35.013		0.002			34.928			0.003			34.821	23															
24		0.005			35.258		0.005			35.008		0.002			34.926			0.004			34.817	24															
25		0.009			35.249		0.005			35.003		0.001			34.925			0.006			34.811	25															
26		0.009			35.240		0.0			35.003		0.002			34.923			0.007			34.804	26															
27		0.005			35.235		0.004			34.999		0.003			34.920			0.005			34.799	27															
28		0.005			35.226		0.004			34.995		0.003			34.917			0.006			34.793	28															
29		0.009			35.217		0.005			34.990		0.001			34.916			0.004			34.789	29															
30		0.009			35.208		0.0			34.990		0.004			34.912			0.004			34.783	30															
31					34.986		0.004			34.986		0.003			34.909			0.003			34.779	31															
TOTAL			0.325				0.222				0.077							0.120				TOTAL															
MARCH 1980																						APRIL 1980					MAY 1980					JUNE 1980					DAY
1		0.002			34.787		0.009			34.608		0.005			34.354			0.010			34.063	1															
2		0.003			34.784		0.009																														



Table C-29

WATSON DITCH COMPANY  
FROM KETCHUM DITCH

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1					21.8	0.060			433.953	0.105				726.689	0.105					723.437	1
2					20.6	0.125			454.488	0.103				726.586	0.106					723.331	2
3					19.8	0.196			474.032	0.103				726.483	0.106					723.225	3
4					18.6	0.205			492.427	0.206				726.277	0.106					723.119	4
5					17.9	0.071			510.256	0.207				726.070	0.106					723.013	5
6					17.8	0.0			528.056	0.105				725.965	0.106					722.907	6
7	7.4	0.005		7.395	14.1	0.077			542.079	0.105				725.860	0.106					722.801	7
8	11.9	0.012		19.283	13.1	0.0			555.179	0.105				725.755	0.106					722.695	8
9	10.7	0.012		29.973	13.9	0.083			568.996	0.105				725.650	0.108					722.589	9
10	9.9	0.008		39.863	12.6	0.085			581.511	0.105				725.545	0.108					722.479	10
11	18.6	0.022		58.441	13.1	0.173			594.438	0.105				725.440	0.0					722.479	11
12	13.8	0.043		82.198	12.6	0.265			606.773	0.0				725.440	0.110					722.369	12
13	22.6	0.054		104.744	11.9	0.270			618.403	0.0				725.440	0.111					722.258	13
14	21.8	0.064		126.480	11.9	0.367			629.936	0.105				725.335	0.111					722.147	14
15	21.8	0.097		148.183	11.9	0.375			641.461	0.105				725.230	0.111					722.037	15
16	20.6	0.082		168.701	10.7	0.191			653.970	0.105				725.125	0.222					721.925	16
17	19.8	0.091		188.410	9.9	0.097			667.773	0.105				725.020	0.223					721.814	17
18	18.6	0.055		206.944	8.7	0.108			682.275	0.105				724.915	0.113					721.702	18
19	15.4	0.071		222.273	7.9	0.201			697.974	0.211				724.704	0.223					721.591	19
20	12.6	0.150		234.723	7.9	0.204			685.670	0.106				724.598	0.225					721.480	20
21	11.9	0.157		246.466	7.9	0.206			693.364	0.212				724.496	0.228					720.914	21
22	11.9	0.123		258.243	7.9	0.208			701.056	0.106				724.480	0.231					720.683	22
23	11.9	0.129		270.034	7.9	0.211			708.745	0.0				724.280	0.231					720.449	23
24	10.7	0.134		280.980	7.9	0.107			716.538	0.105				724.174	0.119					720.330	24
25	9.9	0.139		290.941	7.9	0.215			724.223	0.106				724.068	0.120					720.210	25
26	12.4	0.048		302.693	3.0	0.216			727.007	0.106				723.962	0.247					719.967	26
27	23.8	0.101		322.659	0.0	0.108			726.899	0.0				723.857	0.245					719.720	27
28	22.6	0.211		348.783	0.0	0.0			726.899	0.105				723.752	0.245					719.473	28
29	21.8	0.055		350.528	0.105	0.105			726.794	0.105				723.647	0.245					719.226	29
31	21.8	0.135		412.213	0.105	0.105			726.794	0.105				723.542	0.245					719.226	31
TOTAL	414.3	2.087			319.2	4.619				3.252					85.69	4.775					TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1	23.1	0.025		609.842	11.0	0.112			897.991	28.3	0.494			1692.138	0.923					2322.805	
2	22.6	0.219		565.009	15.8	0.112			911.679	29.2	0.620			1720.718	0.897					2321.908	2
3	26.6	0.0		544.409	27.0	0.113			941.566	29.2	0.373			1759.545	0.973					2320.935	3
4	9.9	0.102		527.007	25.8	0.343			969.453	29.2	0.125			1778.620	0.949					2319.966	4
5									993.910	29.2	0.249			1807.571	0.955					2319.241	5
6	3.5	0.101		523.406	23.7	0.231			1017.379	29.2	0.626			1836.345	0.642					2318.599	6
7	4.5	0.0		518.906	23.0	0.347			1040.032	29.2	0.502			1864.843	0.904					2317.695	7
8	7.2	0.0		519.106	24.3	0.350			1063.686	29.1	0.375			1893.568	1.157					2316.538	8
9	7.7	0.0		526.806	23.8	0.317			1087.665	29.1	0.377			1922.291	1.133					2315.405	9
10	21.1	0.098		547.808	24.3	0.118			1111.847	29.2	0.377			1951.114	1.026					2314.379	10
11	22.8	0.099		570.509	23.8	0.118			1135.529	29.2	0.251			1980.063	0.919					2313.460	11
12	18.6	0.101		589.008	23.0	0.357			1159.172	29.2	0.378			2009.085	1.181					2312.079	12
13	17.9	0.102		606.806	23.0	0.359			1180.813	29.2	0.432			2037.653	1.406					2310.583	13
14	17.9	0.104		624.608	25.5	0.361			1202.952	29.2	0.504			2066.349	1.377					2309.206	14
15	17.9	0.105		642.397	27.0	0.361			1226.591	29.2	0.579			2095.170	1.138					2308.008	15
16	16.6	0.106		658.891	27.0	0.480			1259.111	29.2	0.761			2123.609	1.175					2306.833	16
17	15.8	0.107		674.384	26.9	0.599			1289.112	29.2	0.768			2152.047	1.084					2305.719	17
18	15.9	0.215		690.888	28.0	0.359			1313.053	29.2	0.637			2180.610	0.927					2304.822	18
19	18.4	0.109		708.559	28.3	0.479			1340.874	29.2	0.891			2208.919	0.917					2303.905	19
20	18.6	0.111		727.048	27.4	0.482			1367.792	28.8	0.884			2236.835	0.905					2303.000	20
21	17.8	0.223		744.625	27.6	0.483			1394.909	28.5	0.974			2264.461	0.973					2321.127	21
22	17.9	0.226		762.299	28.0	0.363			1422.546	10.6	0.855			2274.206	0.837					2320.890	22
23	17.8	0.228		779.871	27.4	0.364			1449.582	0.0	0.796			2273.410	0.979					2320.511	23
24	16.6	0.241		796.241	27.6	0.486			1476.696	0.938	0.938			2272.478	30.6					2319.197	24
25	15.8	0.116		811.925	28.0	0.364			1504.332	1.023	1.023			2271.455	30.7	1.057				2319.840	25
26	15.8	0.233		827.492	28.0	0.608			1531.794	0.0	1.002			2270.453	30.7	1.272				2319.268	26
27	17.1	0.235		844.357	28.0	0.490			1559.479	17.9	0.929			2269.360	30.8	1.420				2318.648	27
28	17.8	0.236		861.921	27.4	0.490			1586.309	28.6	0.959			2268.371	30.8	1.070				2318.378	28
29	25.3	0.118		887.103	26.4	0.577			1612.212	10.7	0.974			2267.697	30.9	1.075				2318.203	29
30					26.6	0.739			1638.073	0.0	0.969			2267.328	31.2	1.016				2318.066	30
31					27.0	0.741			1664.332											2317.950	31
TOTAL	371.3	113.4	3.964		788.6	11.371				678.8	19.404				327.1	32.278					TOTAL
DAY	JUNE 1976					JULY 1976					AUGUST 1976					OCTOBER 1976					DAY
1	31.0	1.168		1648.382	24.6	1.601			2693.910		341.2	0.096		57.310	15.7	0.004				15.696	
2	31.0	1.029		2678.353	24.6	1.896			2657.454		57.3	0.0		0.0	25.1	0.014				40.789	2
3	31.1	1.108		2708.345	24.6	1.648			2621.206						25.1	0.021				65.861	3
4	31.2	1.266		2738.279	24.6	1.913			2604.693						24.0	0.038				89.223	4
5	27.4	1.203		2764.476	24.6	1.822			2578.271						20.7	0.058				110.465	5
6	26.4	1.139		2789.737	24.6	1.857			2551.814						18.0	0.072				128.393	6
7	24.7	0.996		2813.441	24.6	1.893			2525.321						14.6	0.111				142.882	7
8	22.6	0.854		2835.187	24.6	1.928			2498.793						11.0	0.103				155.779	8
9	20.4	0.954		2854.633	24.6	1.836			2472.257						11.7	0.128				167.351	9
10																					



Table C-29 (Cont'd)

WATSON DITCH COMPANY  
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																																																																																																										
SEPTEMBER 1978																						FEBRUARY 1979																						MARCH 1979																						APRIL 1979																						MAY 1979																						JUNE 1979																						JULY 1979																						AUGUST 1979																					
1	20.5		0.473		492.665																1																																																																																																																																																										
2	18.0		0.509		510.096									0.003	16.591				0.002		16.449	2																																																																																																																																																									
3	15.9		0.514		525.442									0.003	16.580				0.001		16.442	3																																																																																																																																																									
4	5.5		0.0		530.942									0.004	16.580				0.001		16.484	4																																																																																																																																																									
5	0.0		0.0		530.942									0.004	16.576				0.004		16.480	5																																																																																																																																																									
6																						6																																																																																																																																																									
7			0.194		530.748									0.004	16.572				0.002		16.478	7																																																																																																																																																									
8			0.231		530.517									0.005	16.567				0.002		16.475	8																																																																																																																																																									
9	0.0		0.274		530.243									0.005	16.562				0.004		16.471	9																																																																																																																																																									
10	16.1		0.282		546.061									0.005	16.557				0.002		16.468	10																																																																																																																																																									
11	25.8		0.288		571.613									0.004	16.551				0.002		16.465	11																																																																																																																																																									
12	25.8		0.260		597.153									0.003	16.550				0.002		16.462	12																																																																																																																																																									
13	25.4	0.0	0.287		622.226									0.004	16.546				0.002		16.459	13																																																																																																																																																									
14	24.8	13.3	0.280		633.478									0.004	16.542				0.004		16.455	14																																																																																																																																																									
15	25.0	37.4	0.274		620.804									0.002	16.510				0.005		16.450	15																																																																																																																																																									
16	25.6	20.2	0.394		625.820									0.003	16.537				0.005		16.445	16																																																																																																																																																									
17														0.002	16.535				0.004		16.441	17																																																																																																																																																									
18	25.8	12.4	0.447		636.773									0.001	16.534				0.002		16.438	18																																																																																																																																																									
19	25.8	21.8	0.393		642.380									0.003	16.534				0.002		16.438	19																																																																																																																																																									
20	25.8	28.5	0.336		629.344									0.001	16.531				0.002		16.435	20																																																																																																																																																									
21	25.4	33.9	0.331		630.513									0.001	16.530				0.004		16.431	21																																																																																																																																																									
22	24.8	36.2	0.380		616.733									0.002	16.527				0.004		16.427	22																																																																																																																																																									
23														0.002	16.525				0.004		16.422	23																																																																																																																																																									
24	24.0	39.7	0.415		600.861									0.002	16.523				0.004		16.419	24																																																																																																																																																									
25	24.0	39.7	0.406		584.746									0.004	16.519				0.004		16.415	25																																																																																																																																																									
26	24.0	39.7	0.347		568.640									0.005	16.515				0.004		16.411	26																																																																																																																																																									
27	23.8	39.7	0.387		552.593									0.004	16.511				0.002		16.408	27																																																																																																																																																									
28					536.306									0.004	16.511				0.002		16.408	28																																																																																																																																																									
29	23.6	39.7	0.331		519.875					0.0				0.002	16.509				0.002		16.406	29																																																																																																																																																									
30	23.6	39.7	0.303		503.472	0.0	0.0			0.0				0.003	16.506				0.003		16.401	30																																																																																																																																																									
31	23.2	39.7	0.273		486.699	0.0	0.0			16.6				0.001	16.504				0.001		16.400	31																																																																																																																																																									
TOTAL	592.4	602.7	9.732					0.006						0.096						0.106		TOTAL																																																																																																																																																									
1			0.004		16.388			0.007		16.231											1																																																																																																																																																										
2			0.004		16.384			0.006		16.218											2																																																																																																																																																										
3			0.005		16.375			0.006		16.212											3																																																																																																																																																										
4			0.005		16.370			0.006		16.206											4																																																																																																																																																										
5																					5																																																																																																																																																										
6			0.004		16.366			0.007		16.199											0.0	6																																																																																																																																																									
7			0.003		16.363			0.006		16.193											3.6	7																																																																																																																																																									
8			0.002		16.361			0.007		16.186											3.8	8																																																																																																																																																									
9			0.004		16.357			0.007		16.179											3.5	9																																																																																																																																																									
10			0.005		16.352			0.007		16.172											14.3	10																																																																																																																																																									
11			0.005		16.347			0.008		16.164											14.6	11																																																																																																																																																									
12			0.007		16.340			0.007		16.157	0.0			0.0							9.3	12																																																																																																																																																									
13			0.007		16.333			0.006		16.151	21.8			11.799							0.005	13																																																																																																																																																									
14			0.007		16.326			0.005		16.146	24.8			0.016	26.577						0.003	14																																																																																																																																																									
15			0.006		16.320			0.005		16.141	15.4			0.028	41.949						3.4	15																																																																																																																																																									
16			0.005		16.315			0.006		16.135	11.9	0.0		0.039	54.810						11.2	16																																																																																																																																																									
17			0.006		16.309			0.004		16.131	4.5	0.0		0.038	49.278						1.3	17																																																																																																																																																									
18			0.005		16.304			0.006		16.125	2.3	0.0		0.031	46.947						0.0	18																																																																																																																																																									
19			0.005		16.299			0.006		16.119	5.0	0.0		0.038	51.909						3.4	19																																																																																																																																																									
20			0.005		16.294			0.006		16.113	0.5	0.0		0.021	38.342						14.9	20																																																																																																																																																									
21			0.004		16.290			0.006		16.107	2.6			0.025	54.917						11.2	21																																																																																																																																																									
22			0.004		16.286			0.005		16.102	7.6			0.040	62.477						0.001	1.342	22																																																																																																																																																								
23			0.004		16.282			0.006		16.096	3.7			0.040	66.137						0.0	0.0	23																																																																																																																																																								
24			0.005		16.277			0.006		16.089	0.0	11.6		0.041	94.495						1.3	24																																																																																																																																																									
25			0.006		16.271			0.006		16.083	0.0	21.4		0.025	33.071						14.9	25																																																																																																																																																									
26			0.006		16.265			0.006		16.077	15.2	0.0		0.041	17.857						0.001	1.342	26																																																																																																																																																								
27			0.005		16.260			0.006		16.071	11.3	0.0		0.040	6.553						0.0	0.0	27																																																																																																																																																								
28			0.005		16.255			0.006		16.065	6.6	0.0		0.0							0.0	0.0	28																																																																																																																																																								
29			0.005		16.250			0.006		16.059													29																																																																																																																																																								
30			0.006		16.244			0.006		16.053													30																																																																																																																																																								
31			0.006		16.238			0.006		16.047													31																																																																																																																																																								
TOTAL			0.154					16.1	0.167		73.3	72.9		0.401					7.6	72.5	0.058	65.0	TOTAL																																																																																																																																																								
OCTOBER 1979																						NOVEMBER 1979																						DECEMBER 1979																						JANUARY 1980																																																																																																													
1						8.4		0.093		196.764				0.091	344.527				0.041		342.597	1																																																																																																																																																									
2						7.9		0.095		204.569				0.136	344.391				0.083		342.314	2																																																																																																																																																									
3						10.1		0.099		214.570				0.137	344.254				0.042		342.272	3																																																																																																																																																									
4						14.6		0.069		229.101				0.137	344.117				0.042		342.230	4																																																																																																																																																									
5						14.4		0.108		243.393				0.098	344.025				0.0		342.230	5																																																																																																																																																									
6						12.5		0.112		255.781				0.092	343.933				0.044		342.186	6																																																																																																																																																									
7						11.4		0.115		267.066				0.091	343.842				0.044		342.142	7																																																																																																																																																									
8						11.7		0.118		278.648				0.137	343.705				0.045		342.097	8																																																																																																																																																									
9						11.7		0.082		290.856				0.093	343.614				0.045		342.097	9																																																																																																																																																									
10						11.5		0.084		301.682				0.046	343.568				0.041		342.056	10																																																																																																																																																									
11						10.8		0.086		312.396				0.0	343.568				0.034		342.022	11																																																																																																																																																									
12						11.1		0.132		323.364				0.046	343.522				0.0		342.022	12																																																																																																																																																									
13						10.4		0.135		333.629				0.092	343.431				0.008		342.024	13																																																																																																																																																									
14						9.1		0.093		342.636				0.046	343.385				0.020		341.994	14																																																																																																																																																									
15						3.3		0.187		345.749				0.046	343.339				0.006		341.958	15																																																																																																																																																									
16						0.0		0.140		345.609				0.092	343.248				0.006		341.922	16																																																																																																																																																									
17																																																																																																																																																																															

Table C-29 (Cont'd)

WATSON DITCH COMPANY  
PROJECT NUMBER: D1701

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY						
FEBRUARY 1980												MARCH 1980					APRIL 1980					MAY 1980					DAY
1			0.018		341.659			0.018		340.476			0.086		338.782			0.045		336.429	1						
2			0.037		341.622			0.098		340.448			0.087		338.695			0.115		336.214	2						
3			0.010		341.612			0.018		340.430			0.088		338.607			0.096		336.118	3						
4			0.010		341.602			0.037		340.393			0.033		338.574			0.116		335.952	4						
5			0.020		341.582			0.018		340.375			0.011		338.563			0.117		335.865	5						
6			0.010		341.572			0.018		340.357			0.077		338.486			0.098		335.767	6						
7			0.032		341.540			0.054		340.303			0.066		338.420			0.096		335.671	7						
8			0.054		341.486			0.064		340.239			0.087		338.333			0.111		335.560	8						
9			0.056		341.430			0.064		340.175			0.097		338.236			0.016		335.514	9						
10			0.058		341.372			0.068		340.147			0.086		338.150			0.062		335.482	10						
11			0.073		341.299			0.046		340.101			0.108		338.042			0.062		335.420	11						
12			0.063		341.236			0.037		340.064			0.149		337.913			0.070		335.350	12						
13			0.013		341.223			0.046		340.018			0.128		337.785			0.071		335.279	13						
14			0.014		341.209			0.046		339.972			0.095		337.690			0.055		335.224	14						
15			0.028		341.181			0.046		339.926			0.095		337.595			0.096		335.128	15						
16			0.027		341.154			0.064		339.862			0.125		337.470			0.103		335.025	16						
17			0.034		341.120			0.046		339.816			0.134		337.336			0.133		334.892	17						
18			0.035		341.085			0.037		339.779			0.113		337.223			0.152		334.740	18						
19			0.122		340.963			0.064		339.715			0.123		337.100			0.163		334.577	19						
20			0.029		340.934			0.063		339.632			0.082		337.018			0.143		334.434	20						
21			0.050		340.884			0.037		339.595			0.093		336.925			0.098		334.336	21						
22			0.043		340.841			0.075		339.520			0.053		336.872			0.089		334.247	22						
23			0.030		340.811			0.066		339.434			0.043		336.829			0.067		334.180	23						
24			0.038		340.773			0.097		339.337			0.063		336.766			0.053		334.127	24						
25			0.063		340.710			0.012		339.327			0.083		336.683			0.091		334.036	25						
26			0.064		340.646			0.040		339.287			0.091		336.592			0.089		333.947	26						
27			0.049		340.597			0.062		339.225			0.098		336.494			0.087		333.860	27						
28			0.059		340.538			0.073		339.152			0.047		336.447			0.049		333.811	28						
29			0.044		340.494			0.094		339.058			0.009		336.438			0.060		333.793	29						
30								0.105		338.953			0.064		336.374			0.082		333.669	30						
31								0.085		338.868								0.080		333.589	31						
TOTAL			1.183					1.626					2.494					2.785			TOTAL						
JUNE 1980												AUGUST 1980					FOOTNOTES					DAY					
1			0.101		333.488																1						
2			0.099		333.389																2						
3			0.097		333.292																3						
4			0.100		333.192																4						
5			0.099		333.093																5						
6			0.092		333.001																6						
7			0.107		332.894																7						
8			0.110		332.784																8						
9			0.113		332.671	0.0		0.0		0.0											9						
10			0.112		332.559	16.1		0.010		16.090											10						
11			0.111		332.448	13.4		0.018		29.472											11						
12			0.091		332.357	6.5		0.021		35.951											12						
13			0.097		332.260	9.0		0.026		0.925											13						
14			0.111		332.149	10.3		0.095	-44.0	11.220											14						
15			0.126		332.023	10.3		0.009		21.511											15						
16			0.121		331.902	10.3		0.015	-31.0	0.796											16						
17			0.121		331.781	10.3		0.006		11.090											17						
18			0.114		331.667	10.3		0.011	-21.0	0.379											18						
19			0.122		331.545	10.3		0.004		10.675											19						
20			0.097		331.448	10.3		0.011		20.964											20						
21			0.110		331.338	10.3		0.016		31.248											21						
22			0.100	-331.2	0.0	10.3		0.019	-41.0	0.529											22						
23						10.3		0.006	-10.8	0.0											23						
24																					24						
25																					25						
26																					26						
27																					27						
28																					28						
29																					29						
30																					30						
31																					31						
TOTAL			2.351	-331.2		148.0		0.177	-147.8												TOTAL						
FOOTNOTES																											
a 52.3 acre-feet diverted in Lower Kaweah.																											
b 1800.094 acre-feet diverted in Lower Kaweah.																											
c 116.85 acre-feet diverted in Persian Ditch.																											
d released for diversion in Lower Kaweah.																											
e Released because Terminus Reservoir above allowable storage.																											
f Transferred from Kaweah Delta Water Conservation District.																											
g Transferred from Persian Ditch.																											
h Storage adjusted to maximum allowable. See Watson Ditch Company (from Lower Kaweah).																											

Table C-30

LAKEVIEW DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY			
MAY 1976																								
1																					1			
2								0.152		344,525				0.173		289,683					2			
3								0.132		344,365				0.202		290,481					3			
4								0.141		344,242				0.181		289,300					4			
5								0.159		344,083				0.212		289,088					5			
6								0.150		343,933			0.0		289,088	0.0					6			
7								0.140		343,793												7		
8								0.122		343,671												8		
9								0.103		343,568												9		
10								0.115		343,453												10		
11								0.058		343,395												11		
12	29.8	0.018			29,782			0.118		343,277						0.0		0.0				12		
13	113.6	0.093			143,289			0.150		343,127						0.0	0.0					13		
14	149.1	0.174			292,215			0.163		342,964						131.7	0.0					14		
15	55.0	0.180			347,035			0.197		342,767						0.0	0.0					15		
16	0.0	0.177			346,858			0.231		342,536						0.0	0.0					16		
17		0.163			346,695			0.218		342,318						0.0	0.0					17		
18		0.139			346,556			0.190		342,128						115.0	0.0					18		
19		0.138			346,418			0.180		341,907						0.0	0.0					19		
20		0.136			346,282			0.195		341,727						0.0	0.0					20		
21		0.145			346,137			0.202		341,532						0.0	0.0					21		
22		0.123			346,014			0.202		341,334						0.0	0.0					22		
23		0.142			345,872			0.0		341,132						0.0	0.0					23		
24		0.131			345,741			0.214		341,728						0.0	0.0					24		
25		0.125			345,591			0.224		341,524						0.0	0.0					25		
26		0.150			345,591			9.9		341,484						0.0	0.0					26		
27		0.178			345,413			9.9		304,365						0.0	0.0					27		
28		0.196			345,217			9.9		294,203						254.2	0.0	0.0				28		
29		0.146			345,071			3.7		290,273												29		
30		0.145			344,906			0.0		290,049												30		
31		0.134			344,667			0.193		289,856												31		
TOTAL	347.5		2.833			49.54		5.311			289.088		0.768			360.9		0.321		-560.372	TOTAL			
JUNE 1976																								
1					500.7	4,878		14600,068		629.9	4,876		8780,139								1			
2					483.6	4,765		15078,908		614.9	4,695		9150,544			0.0						2		
3					307.8	5,308		15381,394		633.6	4,901		7222,443			62.0						3		
4					243.6	5,375		15619,819		644.6	2,978		6874,265			305.0					68,000.0	4		
5					205.6	5,428		15819,991		644.6	4,037		6226,888			0.0					367,000.0	5		
6					179.3	5,968		15993,323		626.2	4,766		5595,262			412.4		0.284			779,116.0	6		
7					0.0	6,452		15924,671		608.6	3,525		4989,137			339.5		0.487			1118,129.0	7		
8					245.0	6,366		15673,305		607.6	2,402		4379,136			26.3	0.0	0.592			1143,837.0	8		
9					232.2	6,286		15414,119		614.9	2,307		3701,989			0.0	176.1	0.500			367,237.0	9		
10					251.2	6,670		15152,249		614.9	2,156		3144,873			198.4	0.333				768,504.0	10		
11					290.4	5,469		14856,360		614.9	1,457		2528,516			229.4	0.235				538,869.0	11		
12					339.8	5,110		14511,470		614.9	1,177		2430,439		+518.0	247.9	0.153				290,816.0	12		
13					386.4	5,089		14119,081		633.6	1,179		1795,660			247.9	0.019				42,897.0	13		
14					389.1	5,431		13724,530		564.2	0.807		1230,653			42,897.0	0.0				0.0	14		
15					307.8	5,580		13411,350		315.7	0.539		714,414			56,308.0	0.367				629,946.0	15		
16					242.8	5,557		13162,993		315.7	0.129		198,585			198.4	0.301				430,845.0	16		
17					264.9	5,546		12892,147		198,585	0.0		0.0			198.4	0.112				232,303.0	17		
18					387.5	6,081		12518,568		198.4	0.0					198.4	0.018				33,885.0	18		
19					446.4	5,372		12066,788		198.4	2,337					198.4	2,337				4442,907.0	19		
20					487.8	5,894		11573,094		198.4	2,614					198.4	2,614				4247,893.0	20		
21					461.0	4,789		11307,305		198.4	2,503					198.4	2,503				4046,990.0	21		
22					427.8	4,902		10674,603		198.4	2,799					198.4	2,799				3845,861.0	22		
23					420.1	5,578		10448,985		198.4	2,604					198.4	2,604				3544,877.0	23		
24					427.3	4,784		10144,901		167.4	2,180					167.4	2,180				3475,277.0	24		
25					423.8	2,592	+3607,075	12997,584		148.8	2,398					148.8	2,398				3324,079.0	25		
26					396.3	5,343		12595,941		179.8	2,001					179.8	2,001				3142,279.0	26		
27	71.9	3,808		13676,000	342.9	5,308		12047,533		260.4	1,732				260.4	1,732					2880,147.0	27		
28	54.3	4,029		13794,092	648.8	5,380		11393,353		297.5	1,446				297.5	1,446					2881,201.0	28		
29	314.2	4,137		14104,246	654.6	4,747		10734,006		297.5	1,516				297.5	1,516					2882,185.0	29		
30					654.6	5,040		10074,366		297.5	1,530					297.5	1,530					1983,195.0	30	
31					654.6	4,851		9444,363																31
TOTAL	440.4		12.154		1920.8	10049.3	167,906	+3607,075		2891.985	41,530		+518.0*		1145.2	4435.005	29,040		+5302,000		TOTAL			
JULY 1976																								
1					500.7	4,878		14600,068		629.9	4,876		8780,139								1			
2					483.6	4,765		15078,908		614.9	4,695		9150,544			0.0						2		
3					307.8	5,308		15381,394		633.6	4,901		7222,443			62.0					68,000.0	3		
4					243.6	5,375		15619,819		644.6	2,978		6874,265			305.0					367,000.0	4		
5					205.6	5,428		15819,991		644.6	4,037		6226,888			0.0						5		
6					179.3	5,968		15993,323		626.2	4,766		5595,262			412.4		0.284			779,116.0	6		
7					0.0	6,452		15924,671		608.6	3,525		4989,137			339.5		0.487			1118,129.0	7		
8					245.0	6,366		15673,305		607.6	2,402		4379,136			26.3	0.0	0.592			1143,837.0	8		
9					232.2	6,286		15414,119		614.9	2,307		3701,989			0.0	176.1	0.500			367,237.0	9		
10					251.2	6,670		15152,249		614.9	2,156		3144,873			198.4	0.333				768,504.0	10		
11					290.4	5,469		14856,360		614.9	1,457		2528,516			229.4	0.235				538,869.0	11		
12					339.8	5,110		14511,470		614.9	1,177		2430,439			247.9	0.153				290,816.0	12		
13					386.4	5,089		14119,081		633.6	1,179		1795,660			247.9	0.019				42,897.0	13		
14					389.1	5,431		13724,530		564.2	0.807		1230,653			42,897.0	0.0				0.0	14		
15					307.8	5,580		13411,350		315.7	0.539		714,414			56,308.0	0.367				629,946.0	15		

Table C-30 (Cont'd)

LAKESIDE DITCH COMPANY

IN STORAGE		EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE																	
DAY	IN STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
JUNE 1979																					
1	0.0	64.7	6,544	14601.393																1	
2	0.0	22.3	6,327	14572.766	868.0	1,540			3421.217											2	
3	41.1	0.0	5,714	14608.152	592.0	0,977			2428.240											3	
4	99.7	0.0	5,104	14702.748	905.6	0,565			1522.075											4	
5	12.9	0.0	5,489	14710.159	893.5	0,271			718.304											5	
6		4.0	6,074	14700.085	718.3	0.0			0.0											6	
7		37.2	5,059	14657.826											73.2		5.361			7	
8		155.7	6,236	14495.890											19.1		5.396			8	
9		226.2	6,165	14263.525												89.3	5.394			9	
10		262.9	6,468	13994.157												130.2	4,951			10	
																128.2	5.149			11	
11		279.0	7,146	13708.011												110.6	5,557			12	
12		294.6	5,701	13407.710												103.2	5,131			13	
13		399.0	4,657	13004.053												114.3	6,193			14	
14		493.0	4,139	12598.894												134.5	5,747			15	
15		536.7	3,891	11968.283												211.8	6,349			16	
16		571.4	3,921	11392.962												297.4	6,706			17	
17		553.5	2,959	10836.503												269.5	5,597			18	
18		426.6	3,675	10406.228												250.0	5,547			19	
19		347.4	3,601	10055.227												244.5	5,511			20	
20		405.0	3,522	9646.705												227.9	6,507			21	
21		432.0	3,667	9211.038												234.1	7,485			22	
22		450.6	2,970	8757.468												250.2	7,025			23	
23		466.1	2,977	8288.391												290.1	5,797	+15331.0		24	
24		479.9	3,225	7805.266												356.6	6,822	15331.000		25	
25		422.3	2,953	7380.013												429.0	4,191			26	
26		370.5	2,481	7007.032															15331.000	27	
27		365.6	2,603	6638.829												510.7	5,722			28	
28		608.8	2,394	6207.635												491.2	5,874			29	
29		840.7	1,904	5355.021												551.3	4,983			30	
30		822.6	1,674	4290.757												692.7	2,696			31	
31																711.8	3,725			31	
TOTAL	153.7	10406.3	129,280		4287.4	3,353										92.3	7304.8	145,274		TOTAL	
JULY 1979																					
JUNE 1980																					
JULY 1980																					
AUGUST 1980																					
SEPTEMBER 1980																					
FOOTNOTES																					
1	733.3	4,011		7235.915	297.6				6772.430											1	
2	711.3	3,793		6490.822	297.6	4,710			4,688											2	
3	662.7	3,235	+7500.0	5824.887	297.6	4,688			6470.142											3	
4	621.2	2,638		12701.049	297.6	4,648			6167.894											4	
5	642.4	6,258		12954.391	297.6	4,913			5865.301											5	
6		632.9	6,075	11113.416	297.6	4,299			5953.322											6	
7		688.0	5,631	10713.785	297.6	4,518			5261.404											7	
8		719.4	5,400	9994.985	297.6	3,296			4960.508											8	
9		664.6	5,561	9324.824	297.6	3,269			4659.639											9	
10		631.2	5,277	8686.347	297.6	2,901			4359.138											10	
11		707.0	4,781	7976.566	297.6	3,103			4058.435											11	
12		753.9	4,294	7218.412	297.6	2,794			3758.041											12	
13		729.1	3,777	6485.535	297.6	2,543			3457.898											13	
14		734.2	2,713	5768.682	297.6	2,582			3157.716											14	
15		708.0	2,055	5058.567	297.6	2,039			2858.077											15	
16		704.3	2,055	4352.212	297.6	1,475			2559.002											16	
17		636.1	1,903	3714.209	297.6	1,490			2259.312											17	
18		657.2	1,504	3055.505	389.4	1,543			1868.969											18	
19		694.4	0,973	2360.132	432.1	1,230			1435.639											19	
20		694.4	0,898	13164.834	387.4	0,462			1047.777											20	
21					365.1	0,517			682.160												21
22		729.1	6,429	12429.305	365.1	0,248			316.812												22
23		653.2	5,464	11770.641	316.8	0.0			0.0												23
24		595.2	5,979	11169.462																	24
25		533.2	6,768	10567.494																	25
26			6,552	10027.742																	26
27		564.2	5,432	9458.110																	27
28		605.1	5,338	8847.672																	28
29		605.1	5,555	8237.017																	29
30		543.1	4,562	7689.355																	30
31		437.7	4,242	7247.413																	31
		334.8	4,873	7074.750																	31
TOTAL	3931.5	133,966	+19167.0		7017.5	57,228														TOTAL	



Table C-31

LAKESIDE DITCH COMPANY  
FROM CENTRAL VALLEY PROJECT EXCHANGE

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY						
FEBRUARY 1979												MARCH 1979					APRIL 1979					MAY 1979					
1								0.345		1876.800					1865.757					0.402	1854.348	1					
2								0.338		1876.462					1865.399					0.397	1854.971	2					
3								0.497		1875.964					1864.869					0.506	1855.447	3					
4								0.488		1875.477					1864.377					0.552	1851.895	4					
5								0.473		1875.004					1863.894					0.528	1851.367	5					
6								0.458		1874.546					1863.659					0.468	1850.899	6					
7		0	0.0		0.0			0.586		1874.960					1863.314					0.283	1850.616	7					
8		246	0.045		247.955			0.559		1873.401					1862.863					0.209	1850.407	8					
9		612	0.152		899.803			0.532		1872.869					1862.531					0.451	1849.956	9					
10		744	0.276		1603.527			0.506		1872.363					1862.151					0.553	1849.403	10					
11		280	0.324		1883.203			0.363		1872.000					1861.829					0.620	1848.783	11					
12		0	0.646		1882.557			0.464		1871.536					1861.511					0.751	1848.032	12					
13			0.319		1882.238			0.464		1871.072					1861.092					0.806	1847.226	13					
14			0.273		1881.965			0.219		1870.853					1860.578					0.884	1846.402	14					
15			0.531		1881.434			0.315		1870.398					1860.025					0.678	1845.724	15					
16			0.261		1881.173			0.202		1870.336					1859.532					0.568	1845.156	16					
17			0.519		1880.654			0.099		1870.237					1859.194					0.649	1844.507	17					
18			0.263		1880.391			0.385		1869.852					1858.809					0.603	1843.904	18					
19			0.506		1879.885			0.094		1869.748					1858.380					0.616	1843.288	19					
20			0.245		1879.640			0.368		1869.390					1857.904					0.599	1842.689	20					
21					1879.490			0.271		1869.119					1857.432					0.442	1842.247	21					
22			0.280		1879.211			0.266		1868.853					1856.964					0.433	1841.814	22					
23			0.398		1878.813			0.435		1868.418					1856.502					0.453	1841.361	23					
24			0.385		1878.428			0.426		1867.992					1856.042					0.606	1840.795	24					
25			0.378		1878.050			0.503		1867.491					1855.676					0.668	1840.127	25					
26			0.184		1877.866			0.245		1867.246					1855.407					0.673	1839.454	26					
27			0.363		1877.503			0.388		1866.858					1855.094					0.565	1838.991	27					
28			0.358		1877.145			0.147		1866.711					1854.666					0.509	1838.382	28					
29								0.284		1866.427					1854.162					0.561	1837.871	29					
30								0.138		1866.289					1853.750					0.638	1837.183	30					
31								0.336		1865.953										0.639	1836.544	31					
<b>TOTAL</b>	1884		6.655					11.196						12.203						17.206		<b>TOTAL</b>					
JUNE 1979												JULY 1979															
1			0.823		1835.721			0.817		1814.651											1839.454	1					
2			0.797		1834.924			0.729		1814.282											0.565	1838.991	2				
3			0.717		1834.207			0.674		1813.249											0.509	1838.382	3				
4			0.636		1833.571			0.684		1812.565											0.561	1837.871	4				
5			0.684		1832.887		0.0	0.632		1812.617											0.639	1837.183	5				
6							85.3															1836.544	6				
7			0.757		1832.130		674.1	0.445		1852.102													7				
8			0.632		1831.498		596.4	0.201		455.501													8				
9			0.788		1830.710		455.5	0.0		0.0													9				
10			0.791		1829.919																		10				
11			0.845		1829.074																		11				
12			0.993		1828.121																		12				
13			0.777		1827.344																		13				
14			0.654		1826.690																		14				
15			0.610		1826.080																		15				
16			0.993		1825.487																		16				
17			0.628		1824.899																		17				
18			0.498		1824.461																		18				
19			0.644		1823.717																		19				
20			0.653		1823.084																		20				
21			0.665		1822.399																		21				
22			0.725		1821.674																		22				
23			0.618		1821.056																		23				
24			0.654		1820.402																		24				
25			0.792		1819.650																		25				
26			0.728		1818.922																		26				
27			0.644		1818.278																		27				
28			0.713		1817.565																		28				
29			0.752		1816.843																		29				
30			0.667		1816.176																		30				
31			0.708		1815.468																		31				
<b>TOTAL</b>			21.076					1811.3	4.171													<b>TOTAL</b>					
DAY																					DAY						
1																					1						
2																					2						
3																					3						
4																					4						
5																					5						
6																					6						
7																					7						
8																					8						
9																					9						
10																					10						
11																					11						
12																					12						
13																					13						
14																					14						
15																					15						
16																					16						
17																					17						
18																					18						
19																					19						
20																					20						
21																					21						
22																					22						
23																					23						
24																					24						
25																					25						
26																					26						
27																					27						
28																					28						
29																					29						
30																					30						
31																					31						
<b>TOTAL</b>																					<b>TOTAL</b>						

Table C-32

LANSFORD DITCH COMPANY  
FROM FORCROAN IRRIGATION DISTRICT

JUNE 1979						JULY 1979												DAY				
DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
1								0.866		1924.908											1	
2								0.774		1923.534												2
3								0.714		1922.820												3
4								0.725		1922.095												4
5								0.703		1921.392												5
6								0.794		1920.598												6
7						0.0		0.849		1919.749												7
8						223.2		0.838		1696.712												8
9						728.1		0.572		967.040												9
10						702.1		0.132		264.805												10
11						264.8				0.0												11
12																						12
13																						13
14																						14
15																						15
16					0.0																	16
17	0.0		0.0		1933.920																	17
18	1934.6		0.683		1933.228																	18
19	0.0		0.706		1932.522																	19
20																						20
21			0.769		1931.753																	21
22			0.655		1931.098																	22
23			0.693		1930.405																	23
24			0.797		1929.608																	24
25			0.772		1928.836																	25
26																						26
27			0.683		1928.153																	27
28			0.756		1927.397																	28
29			0.765		1926.632																	29
30			0.707		1925.925																	30
31			0.751		1925.174																	31
TOTAL	1934.6		9.429			1928.2		6.967													TOTAL	
DAY																					DAY	
1																						1
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9																						9
10																						10
11																						11
12																						12
13																						13
14																						14
15																						15
16																						16
17																						17
18																						18
19																						19
20																						20
21																						21
22																						22
23																						23
24																						24
25																						25
26																						26
27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL																					TOTAL	





Table C-34

PERSIAN DITCH COMPANY  
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
OCTOBER 1975																						NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
1						21.8		0.058		418,205			0.100		696,877			0.101			693,739	1															
2						20.6		0.121		438,505			0.099		696,758			0.101			693,637	2															
3						19.8		0.189		458,116			0.099		696,639			0.101			693,536	3															
4						18.6		0.198		476,513			0.198		696,461			0.101			693,435	4															
5						16.6		0.069		493,049			0.198		696,283			0.101			693,334	5															
6						15.9		0.0		508,949			0.100		696,163			0.102			693,232	6															
7						13.4		0.074		522,275			0.101		696,062			0.102			693,130	7															
8	7.4		0.005		7,395	9.9		0.037		535,375			0.101		695,961			0.102			693,028	8															
9	11.9		0.012		19,283	12.5		0.079		547,796			0.101		695,860			0.103			692,925	9															
10	9.4		0.008		37,863	11.9		0.082		559,614			0.101		695,759			0.104			692,821	10															
11						11.9		0.166		571,348			0.101		695,658			0.0			692,821	11															
12	22.6		0.042		79,000	11.9		0.255		582,993			0.0		695,558			0.105			692,821	12															
13	21.8		0.052		100,748	10.6		0.259		593,334			0.0		695,458			0.106			692,716	13															
14	21.8		0.062		122,486	9.9		0.352		602,882			0.101		695,357			0.106			692,610	14															
15	21.6		0.095		144,131	9.9		0.459		612,424			0.101		695,256			0.106			692,504	15															
16						9.9		0.182		622,142			0.101		695,155			0.211			692,391	16															
17	20.6		0.050		164,711	9.9		0.393		631,949			0.101		695,054			0.211			692,277	17															
18	18.6		0.099		181,222	8.6		0.189		640,360			0.101		694,953			0.202			691,863	18															
19	16.6		0.064		199,758	7.9		0.192		648,068			0.202		694,951		0.0	0.107			691,756	19															
20	14.5		0.069		214,189	7.9		0.195		655,773			0.101		694,850			0.216			691,540	20															
21	12.6		0.145		226,644	7.9		0.195		663,476			0.203		694,749	19.8		0.212			691,325	21															
22	11.9		0.152		238,392	7.9		0.197		671,177			0.203		694,648	19.8		0.205			691,110	22															
23	11.9		0.139		250,173	7.9		0.199		678,876			0.203		694,547	19.8		0.205			690,895	23															
24	10.7		0.128		262,749	7.9		0.200		686,575			0.203		694,446	19.8		0.205			690,680	24															
25	9.8		0.129		270,420	7.9		0.102		694,273			0.203		694,345	19.8		0.091			690,465	25															
26	8.7		0.133		278,987	7.9		0.206		694,367			0.101		694,344	19.8		0.091			690,250	26															
27	11.7		0.046		290,641	3.0		0.207		694,243			0.101		694,243	31.7	0.172	0.101			690,035	27															
28	20.1		0.092		310,649	0.0		0.103		697,057			0.101		694,142	33.0	0.164	0.101			689,820	28															
29	22.6		0.097		333,152	0.0		0.0		697,057			0.101		694,141	19.9	0.153	0.101			689,605	29															
30	20.6		0.204		353,348	0.0		0.0		697,057			0.101		694,041	14.6	0.139	0.101			689,390	30															
31	21.1		0.053		378,595	0.0		0.100		696,957			0.101		693,940	13.6	0.126	0.101			689,175	31															
31	21.8		0.111		395,284	0.0		0.100		696,957			0.101		693,839	13.6	0.111	0.101			689,070	31															
TOTAL	368.3		2.016			305.1		4.427					3.118					984.1		3.964		TOTAL															
FEBRUARY 1976																						MARCH 1976					APRIL 1976					MAY 1976					DAY
1						41.2		0.097		264,178	10.4		0.048		383,433	27.1		0.340		1163,427	0.696		1752,960	1													
2						40.9		0.083		223,495	16.7		0.049		400,064	27.2		0.429		1190,198	0.677		1752,283	2													
3						41.6		0.069		181,826	26.9		0.051		428,593	27.2		0.259		1217,139	0.734		1751,549	3													
4						40.4		0.0		141,426	25.8		0.053		452,660	27.2		0.087		1244,252	0.715		1750,833	4													
5						37.2		0.020		104,206	25.0		0.165		477,499	27.2		0.175		1271,277	0.562		1750,271	5													
6						27.1		0.035		77,091	23.7		0.114		501,081	27.2		0.443		1298,030	0.485		1749,786	6													
7						24.3		0.0		52,791	23.0		0.175		527,006	27.2		0.356		1324,878	0.582		1749,104	7													
8						20.7		0.0		32,051	24.3		0.180		548,026	27.2		0.268		1351,410	0.873		1748,591	8													
9						10.4		0.0		21,691	23.8		0.062		571,764	27.0		0.270		1378,110	0.855		1747,376	9													
10						0.0		0.007		36,784	24.3		0.063		596,001	27.0		0.271		1405,069	0.774		1746,602	10													
11	22.8		0.030		59,574	23.8		0.064		619,737	27.2		0.182		1432,087	27.2		0.182		1432,087	0.693		1745,909	11													
12	18.6		0.013		78,161	23.0		0.198		642,539	27.2		0.274		1459,013	27.2		0.274		1459,013	1.042		1744,867	12													
13	17.9		0.026		96,045	23.0		0.202		665,337	27.2		0.315		1485,896	27.2		0.315		1485,896	1.129		1743,738	13													
14	17.9		0.026		113,826	24.3		0.206		689,131	27.1		0.359		1512,659	27.1		0.359		1512,659	1.039		1742,699	14													
15	17.9		0.021		131,805	26.1		0.202		715,321	27.0		0.279		1539,350	27.0		0.279		1539,350	0.904		1741,795	15													
16	16.6		0.024		148,381	26.8		0.203		741,838	27.1		0.561		1565,889	27.1		0.561		1565,889	0.887		1740,908	16													
17	15.8		0.026		164,155	26.8		0.358		768,880	27.2		0.754		1592,959	27.2		0.754		1592,959	0.818		1740,090	17													
18	15.9		0.056		179,999	26.7		0.217		794,763	27.2		0.473		1619,252	27.2		0.473		1619,252	0.700		1739,390	18													
19	18.4		0.031		198,368	26.8		0.293		821,270	27.0		0.663		1645,589	27.0		0.663		1645,589	0.692	0.0	1738,698	19													
20	18.6		0.033		216,935	26.9		0.299		847,871	26.7		0.661		1671,628	26.7		0.661		1671,628	0.653		1738,015	20													
21	17.8		0.070		234,665	27.0		0.303		874,568	26.4		0.655		1697,373	19.0		0.655		1697,373	0.735		1736,279	21													
22	16.6		0.078		251,191	26.9		0.230		901,238	9.9		0.642		1706,513	30.5		0.642		1706,513	0.636		1735,143	22													
23	15.9		0.078		267,013	26.9		0.233		927,905	9.9		0.597		1706,094	30.6		0.597		1706,094	0.747		1734,096	23													
24	15.9		0.082		282,831	27.0		0.314		954,591	9.9		0.699		1705,315	30.6		0.699		1705,315	0.700		1732,896	24													
25	15.8		0.043		298,588	26.9		0.238		981,253	9.9		0.767		1704,568	30.6		0.767		1704,568	0.813		1731,683	25													
26	15.8		0.089		314,299	26.8		0.400		1007																											



Table C-34 (Cont'd)

PERSIAN PETRO COMPANY  
 FRESH WATER INTAKE

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
FEBRUARY 1979																						MARCH 1979																						APRIL 1979																						MAY 1979																					
1						0.001				15.291					15.299					0.003		15.067	1																																																																
2						0.003				15.288					15.195					0.001		15.064	2																																																																
3						0.004				15.284					15.191					0.004		15.060	3																																																																
4						0.004				15.280					15.187					0.004		15.056	4																																																																
5						0.004				15.276					15.183					0.004		15.052	5																																																																
6						0.004				15.272					15.181					0.004		15.048	6																																																																
7						0.005				15.269					15.178					0.002		15.046	7																																																																
8						0.005				15.266					15.174					0.002		15.044	8																																																																
9						0.004				15.268					15.171					0.004		15.040	9																																																																
10						0.004				15.254					15.168					0.004		15.046	10																																																																
11						0.003				15.251					15.165					0.005		15.031	11																																																																
12						0.004				15.247					15.168					0.007		15.027	12																																																																
13						0.005				15.243					15.159					0.007		15.018	13																																																																
14						0.002				15.241					15.156					0.002		15.011	14																																																																
15						0.003				15.238					15.153					0.006		15.005	15																																																																
16						0.002				15.236					15.149					0.005		15.000	16																																																																
17						0.001				15.235					15.146					0.005		14.995	17																																																																
18						0.003				15.232					15.143					0.005		14.990	18																																																																
19						0.001				15.231					15.140					0.005		14.985	19																																																																
20						0.003				15.228					15.144					0.005		14.980	20																																																																
21						0.002				15.226					15.140					0.004		14.976	21																																																																
22						0.002				15.224					15.096					0.004		14.972	22																																																																
23						0.004				15.220					15.092					0.004		14.968	23																																																																
24						0.003				15.217					15.088					0.005		14.964	24																																																																
25						0.004				15.213					15.085					0.005		14.958	25																																																																
26						0.002				15.211					15.083					0.005		14.953	26																																																																
27	0.0			0.0		0.003				15.208					15.080					0.005		14.948	27																																																																
28	15.3			0.003		0.001				15.207					15.077					0.004		14.944	28																																																																
29				0.003		0.005				15.205					15.073					0.005		14.939	29																																																																
30						0.001				15.204					15.070					0.005		14.934	30																																																																
31						0.003				15.201					15.070					0.005		14.929	31																																																																
TOTAL	15.3			0.006		0.093									0.131					0.141			TOTAL																																																																
JUNE 1979																						JULY 1979																						AUGUST 1979																						OCTOBER 1979																					
1					14.922										3.0					0.003		2.977	1																																																																
2					14.916										3.5					0.007		6.490	2																																																																
3					14.910										4.1					0.011		10.579	3																																																																
4					14.905										4.0					0.014		14.565	4																																																																
5					14.899										3.8					0.020		18.345	5																																																																
6					14.893										6.2					0.025		24.320	6																																																																
7					14.888										7.5					0.040		31.280	7																																																																
8					14.882										7.3					0.050		39.230	8																																																																
9					14.876										4.9	0.0	0.049			0.049		44.081	9																																																																
10					14.869										0.0	2.0	0.044			+30.0 <sup>b</sup>		72.037	10																																																																
11					14.861	0.0				0.0					10.6	0.049				-10.0 <sup>c</sup>		21.388	11																																																																
12					14.855			0.0		0.0					8.3	0.077						43.051	12																																																																
13					14.850	3.1		0.02		3.098					1.1	0.0	0.041					44.110	13																																																																
14					14.845	4.9		0.005		7.993					0.8	0.0	0.047					49.863	14																																																																
15					14.840	4.8		0.008		12.785					0.0	13.1	0.034			+5.0 <sup>c</sup>		51.729	15																																																																
16					14.835	0.0		0.013		17.672					12.2	0.038						39.401	16																																																																
17					14.831	4.9		0.010		15.962					12.8	0.025						26.666	17																																																																
18					14.826			0.006		9.756					12.6	0.007						14.059	18																																																																
19					14.821			0.002		3.154					14.1	0.0						0.0	19																																																																
20					14.816			3.2		0.0					0.0							14.9	20																																																																
21					14.810															0.033		36.581	21																																																																
22					14.805															0.029		53.652	22																																																																
23					14.800															0.047		67.009	23																																																																
24					14.794															0.055		79.450	24																																																																
25					14.788															0.032		92.518	25																																																																
26					14.783															0.019		111.099	26																																																																
27					14.777															0.043		130.356	27																																																																
28					14.771															0.048		145.408	28																																																																
29	14.8			0.0	0.0															0.051		157.257	29																																																																
30																				0.080		167.177	30																																																																
31																				0.083		175.694	31																																																																
TOTAL	14.8 <sup>a</sup>			0.158		17.7	17.7		0.046		46.2	85.7		0.941	+40.0					0.506			TOTAL																																																																
NOVEMBER 1979																						DECEMBER 1979																						JANUARY 1980																						FEBRUARY 1980																					
1	7.9				183.508					0.084					321.159					0.038		319.174					0.017					318.488	1																																																						
2	7.4				190.819					0.127					321.038					0.077		319.097					0.035					318.453	2																																																						
3	9.4				200.127					0.188					320.904					0.039		319.058					0.009					318.414	3																																																						
4	13.5				213.563					0.188					320.776					0.040		319.018					0.009					318.435	4																																																						
5	13.4				226.863					0.085					320.651					0.0		319.018					0.019					318.416	5																																																						
6	11.5				239.259					0.085					320.606					0.041		318.977					0.010					318.406	6																																																						
7	10.6				248.752					0.085					320.521					0.041		318.936					0.030					318.376	7																																																						
8	10.8				259.442					0.129					320.393					0.042		318.894					0.051					318.325	8																																																						
9	10.9				270.266					0.085					320.308					0.0		318.894					0.053					318.272	9																																																						
10	10.7				280.888					0.043					320.265					0.038		318.856					0.054					318.218	10																																																						
11	10.2				291.008					0.0					320.265					0.032		318.824					0.068					318.150	11																																																						
12	10.4				301.285					0.043					320.222					0.0		318.824					0.059					318.091	12																																																						
13	9.8																																																																																						

Table C-34 (Cont'd)

PERSIAN DITCH COMPANY  
FROM KITCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
																						MARCH 1980	
1			0.017		317.383			0.080		315.804			0.042		313.519			0.095		310.866	1		
2			0.026		317.357			0.081		315.723			0.108		313.411			0.093		310.773	2		
3			0.017		317.340			0.082		315.641			0.099		313.322			0.091		310.682	3		
4			0.035		317.305			0.031		315.610			0.127		313.195			0.091		310.589	4		
5			0.017		317.288			0.010		315.600			0.109		313.086			0.092		310.497	5		
6			0.017		317.271			0.072		315.528			0.091		312.995			0.086		310.411	6		
7			0.091		317.220			0.061		315.467			0.090		312.905			0.099		310.312	7		
8			0.060		317.160			0.081		315.386			0.104		312.801			0.102		310.210	8		
9			0.060		317.100			0.091		315.295			0.015		312.786			0.105		310.105	9		
10			0.026		317.074			0.080		315.215			0.098		312.728			0.104		310.001	10		
11			0.047		317.031			0.101		315.114			0.098		312.670			0.104		309.897	11		
12			0.034		316.997			0.120		314.994			0.066		312.604			0.085		309.812	12		
13			0.062		316.955			0.119		314.875			0.066		312.538			0.090		309.722	13		
14			0.042		316.913			0.089		314.786			0.082		312.486			0.103		309.619	14		
15			0.042		316.871			0.085		314.698			0.089		312.437			0.117		309.502	15		
16			0.060		316.811			0.117		314.581			0.096		312.301			0.113		309.389	16		
17			0.043		316.768			0.125		314.456			0.124		312.177			0.113		309.276	17		
18			0.034		316.734			0.109		314.351			0.112		312.035			0.107		309.169	18		
19			0.060		316.674			0.113		314.236			0.152		311.883			0.114		309.055	19		
20			0.077		316.597			0.077		314.159			0.133		311.750			0.090		308.965	20		
21			0.035		316.562			0.087		314.072			0.091		311.659			0.102		308.863	21		
22			0.070		316.492			0.049		314.023			0.083		311.578			0.094	-308.8	0.0	308.863	22	
23			0.080		316.412			0.040		313.953			0.083		311.533						0.0	308.863	23
24			0.090		316.322			0.059		313.924			0.090		311.463							308.863	24
25			0.009		316.313			0.077		313.847			0.085		311.378							308.863	25
26			0.038		316.275			0.084		313.763			0.083		311.295							308.863	26
27			0.098		316.217			0.091		313.672			0.081		311.214							308.863	27
28			0.068		316.119			0.044		313.628			0.045		311.169							308.863	28
29			0.088		316.061			0.008		313.620			0.056		311.113							308.863	29
30			0.048		316.043			0.059		313.561			0.077		311.036							308.863	30
31			0.079		315.884								0.075		310.961							308.863	31
TOTAL			1.516					2.321					2.600					2.192	-308.8			TOTAL	
DAY	AUGUST 1980					FOOTNOTES																DAY	
1						a 352.9 acre-feet diverted in Lower Kaweah River.																1	
2						b 204.3 acre-feet diverted in Lower Kaweah River.																2	
3						c 638.428 acre-feet diverted in Lower Kaweah River.																3	
4						d 1324.3 acre-feet diverted in Lower Kaweah River.																4	
5						e Released for diversion in Lower Kaweah River.																5	
6						f 20,306 acre-feet released for diversion in Lower Kaweah River.																6	
7						g Released because Terminus Reservoir above allowable storage.																7	
8						h Transferred from Kaweah Delta Water Conservation District.																8	
9	0.0	0.0			0.0	i Transferred to Watson Ditch.																9	
10	14.9	0.009			14.891	j Storage adjusted to maximum allowable.																10	
11	11.3	0.016	-26.0 <sup>k</sup>		0.175	k See Persian Ditch Company from Lower Kaweah.																11	
12	4.9	0.003			5.072	l Transferred to Persian Ditch Company from Lower Kaweah.																12	
13	7.3	0.007	-12.0 <sup>k</sup>		0.365	m Transferred from Persian Ditch Company from Lower Kaweah.																13	
14	8.4	0.004			8.761	n Transferred to Persian Ditch Company from Lower Kaweah.																14	
15	8.4	0.007			17.154	o Transferred from Persian Ditch Company from Lower Kaweah.																15	
16	8.4	0.012			25.542																	16	
17	8.4	0.017			33.925																	17	
18	8.4	0.021	-42.0 <sup>k</sup>		0.304																	18	
19	8.4	0.004			8.700																	19	
20	8.4	0.009			17.091																	20	
21	8.4	0.013			25.478																	21	
22	8.4	0.016			33.862																	22	
23	8.4	0.023	+23.2 <sup>l</sup>		65.459																	23	
24		11.2			24.243																	24	
25		15.5			8.725																	25	
26																						26	
27		8.7			0.0																	27	
28																						28	
29																						29	
30																						30	
31																						31	
TOTAL	122.4	65.4	0.195	-46.8																		TOTAL	
DAY																					DAY		
1																					1		
2																					2		
3																					3		
4																					4		
5																					5		
6																					6		
7																					7		
8																					8		
9																					9		
10																					10		
11																					11		
12																					12		
13																					13		
14																					14		
15																					15		
16																					16		
17																					17		
18																					18		
19																					19		
20																					20		
21																					21		
22																					22		
23																					23		
24																					24		
25																					25		
26																					26		
27																					27		
28																					28		
29																					29		
30																					30		
31																					31		
TOTAL																					TOTAL		



Table C-35

LOWRIS CANAL COMPANY

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1						0.0		0.005		35.360			0.020		141.781			0.020		141.144	1
2						0.0		0.020		35.350			0.020		141.761			0.021		141.123	2
3						5.0		0.017		35.335			0.020		141.741			0.021		141.102	3
4						7.9		0.007		30.318			0.040		141.702			0.021		141.081	4
5						7.9		0.007		48.211			0.040		141.661			0.021		141.060	5
6						7.9		0.0		56.111			0.020		141.641			0.021		141.039	6
7					3.698	6.7		0.009		62.802			0.021		141.620			0.021		141.018	7
8		3.7			9.692	7.2		0.0		70.002			0.021		141.599			0.021		140.997	8
9		4.7			14.386	7.9		0.010		77.891			0.021		141.578			0.021		140.976	9
10		5.0			18.382	6.7		0.012		84.379			0.021		141.557			0.021		140.955	10
11		6.1			24.773	7.2		0.027		91.752			0.021		141.536			0.0		140.935	11
12		7.9			30.656	6.7		0.043		98.409			0.0		141.536			0.0		140.935	12
13		3.0			35.638	6.0		0.046		104.363			0.0		141.536			0.021		140.934	13
14		0.0			35.620	4.7		0.064		108.999			0.021		141.515			0.021		140.912	14
15					35.597	4.0		0.066		112.933			0.021		141.494			0.022		140.890	15
16					35.580	4.0		0.034		116.899			0.021		141.473			0.043		140.847	16
17					35.563	4.0		0.038		120.861			0.021		141.452			0.044		140.803	17
18					35.552	4.0		0.037		124.844			0.021		141.431			0.044		140.759	18
19					35.541	2.7		0.038		127.506			0.041		141.390			0.022		140.737	19
20					35.518	2.0		0.039		129.467			0.021		141.369			0.044		140.693	20
21					35.495	3.2		0.039		132.628			0.041		141.328			0.044		140.649	21
22					35.478	2.7		0.040		135.288			0.021		141.307			0.045		140.604	22
23					35.461	2.0		0.041		137.247			0.0		141.307			0.046		140.558	23
24					35.444	2.0		0.042		139.206			0.021		141.286			0.046		140.536	24
25					35.427	2.0		0.042		141.184			0.021		141.265			0.023		140.512	25
26					35.421	0.7		0.042		141.842			0.021		141.244			0.047		140.465	26
27					35.410	0.0		0.021		141.821			0.021		141.224			0.048		140.417	27
28					35.400	0.0		0.0		141.821			0.020		141.224			0.049		140.368	28
29					35.390	0.0		0.0		141.821			0.020		141.204			0.050		140.318	29
30					35.375	0.020		0.020		141.801			0.020		141.184			0.050		140.268	30
31					35.365	0.0		0.0		141.801			0.020		141.164			0.051		140.217	31
TOTAL	35.7			0.335		107.2		0.764					0.637					0.947			TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1					140.265	2.9		0.022		179.059	7.4		0.054		161.890	11.2		0.212		534.439	1
2					140.113	0.0		0.022		179.057	11.9		0.071		156.719	11.9		0.213		546.128	2
3					140.060			0.021		179.046	11.9		0.048		160.575	11.9		0.234		557.794	3
4					140.060			0.021		178.999	11.9		0.045		220.460	11.9		0.233		569.461	4
5					140.033			0.062		178.933	11.9		0.032		232.328	11.9		0.187		581.174	5
6					140.006			0.041		178.892	11.9		0.083		244.115	11.9		0.164		592.910	6
7					140.006			0.060		178.832	11.9		0.069		255.976	11.9		0.236		604.574	7
8					140.006			0.059		178.773	11.9		0.093		267.823	11.9		0.308		616.166	8
9					140.006			0.019		178.754	11.9		0.055		279.668	11.9		0.307		627.769	9
10		0.7			141.881			0.029		178.735	11.9		0.056		291.512	4.5		0.280		631.979	10
11		0.0			141.836			0.019		178.716	11.9		0.039		303.373	0.0		0.251		631.728	11
12					141.832			0.055		178.662	11.9		0.059		315.214	0.0		0.377		631.351	12
13					141.808			0.054		178.607	11.9		0.069		327.045	0.0		0.408		630.943	13
14					141.784			0.053		178.554	11.9		0.083		338.862	0.0		0.376		630.567	14
15					141.761			0.052		178.502	11.9		0.063		350.699	0.0		0.327		630.240	15
16					141.738			0.068		178.434	11.9		0.130		362.469	0.0		0.321		629.919	16
17					141.716			0.083		178.351	11.9		0.133		374.236	0.0		0.296		629.623	17
18					141.672			0.049		178.302	11.9		0.113		386.023	0.0		0.253		629.370	18
19					141.650			0.064		178.238	11.9		0.160		397.763	0.0		0.250		629.120	19
20					141.628			0.063		178.175	11.9		0.162		409.501	0.0		0.247		628.873	20
21					141.586			0.062		178.113	11.9		0.163		421.238	0.0		0.263		628.610	21
22					141.544			0.045		178.068	11.9		0.163		432.975	0.0		0.224		628.386	22
23					141.503			0.045		178.023	11.9		0.156		444.713	0.0		0.258		628.188	23
24					141.461			0.059		177.964	11.9		0.187		456.452	0.0		0.298		627.890	24
25		3.7			151.139			0.043		177.921	10.7		0.210		468.192	0.0		0.272		627.618	25
26		6.0			157.095			0.071		177.850	11.2		0.211		477.931	0.0		0.283		627.395	26
27		6.0			163.050			0.088		177.822	11.9		0.223		489.598	0.0		0.256		627.199	27
28		6.0			169.004			0.095		177.767	11.9		0.214		501.284	0.0		0.265		626.974	28
29		7.2			176.181			0.064		177.703	11.9		0.215		512.969	0.0		0.263		626.411	29
30								0.080		177.623	10.7		0.218		523.551	0.0		0.227		626.184	30
31								0.079		177.544			0.243					0.243		625.941	31
TOTAL	36.8			0.836		2.9		1.537			399.4		3.493					110.9		84.0	TOTAL
DAY	JUNE 1976					JULY 1976					OCTOBER 1976					NOVEMBER 1976					DAY
1					623.166	23.8		0.236		395.390	5.0		0.001		4.999			0.005		11.750	1
2					621.427	23.8		0.239		371.331	3.0		0.003		7.996			0.008		11.742	2
3					621.173	23.8		0.219		347.313	0.0		0.003		7.993			0.008		11.734	3
4					620.886	23.8		0.237		323.276			0.003		7.990			0.004		11.730	4
5					620.616	23.8		0.229		299.247			0.004		7.986			0.011		11.719	5
6					620.363	23.8		0.200		275.247			0.004		7.982			0.011		11.708	6
7					620.113	23.8		0.188		251.259			0.006		7.976			0.008		11.700	7
8					619.956	23.8		0.179		227.284			0.005		7.971			0.007		11.694	8
9					619.789	23.8		0.151		203.313			0.006		7.965			0.006		11.688	9
10		6.2			625.843	23.8		0.157		179.376			0.006		7.959			0.006		11.682	10
11		9.9			635.524	23.8		0.131		155.445			0.005		7.954			0.002		11.680	11
12		9.9			645.141	23.8		0.107		131.538			0.005	</							

Table C-35 (Cont'd)

LONG CANAL COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
																						DECEMBER 1976
1					11.634	0.0				11.520	0.0				27.024	6.2					94.544	1
2			0.004		11.630	1.2				12.716	3.7				30.719	9.9					104.405	2
3			0.004		11.626	9.4				22.112	6.0				36.708	9.9					114.266	3
4			0.004		11.618	0.2	0.0			22.308	6.0				42.695	9.9					124.116	4
5			0.004			0.0	0.5			21.804	6.0				48.680	9.9					133.967	5
6			0.004		11.614		1.0			20.801	6.0				54.672	9.9	0.0	0.088			143.779	6
7			0.004		11.610		1.5			19.298	6.0				60.654	0.0		0.069			141.210	7
8			0.004		11.606		0.0			19.295	6.0				66.634			0.048			131.262	8
9			0.002		11.604					19.292	6.0				72.623			0.015			125.047	9
10			0.004		11.600					19.292	6.0				78.600		4.0	0.043			121.004	10
11			0.004		11.596					19.289	6.0				84.575			0.042			116.962	11
12			0.004		11.592					19.286	6.0				90.549			0.040			112.922	12
13			0.004		11.588					19.283	6.0				96.521			0.038			108.884	13
14			0.004		11.584					19.283	6.0	0.0			102.477		6.4	0.036			102.448	14
15			0.004		11.580					19.283	0.0	8.9			93.537		7.9	0.033			94.515	15
16			0.006		11.574					19.280		6.7			86.800		7.9	0.010			86.605	16
17			0.006		11.568					19.277		0.0			80.763		7.9	0.027			78.678	17
18			0.004		11.564	0.0				19.274		0.0			86.714		7.9	0.016			70.762	18
19			0.004		11.560	1.2				20.473					86.666		7.9	0.021			62.841	19
20			0.004		11.556	0.7				21.168					86.642		7.9	0.028			54.923	20
21			0.002		11.554	1.2				22.364	0.0				86.642		7.9	0.021			47.002	21
22			0.004		11.550	2.0	0.0			24.360	1.2				87.618		7.9	0.021			39.081	22
23			0.002		11.548	0.0	0.5			23.856	0.7				88.506		7.9	0.024			31.167	23
24			0.004		11.544	1.7	0.0			25.552	0.0				88.494		7.9	0.008			23.259	24
25			0.004		11.540	1.5				27.052					88.459		7.9	0.002			15.357	25
26			0.002		11.538		0.0			27.048					88.425		7.9	0.003			7.454	26
27			0.004		11.534					27.044					88.402		7.454				0.0	27
28			0.004		11.530					27.040					88.368							28
29			0.004		11.526					27.036												29
30			0.002		11.524					27.032												30
31			0.002		11.522					27.028												31
TOTAL			0.116			19.1	3.5	0.094			77.6	15.6	0.660			55.7	143.254	0.814			TOTAL	
DAY	APRIL 1977					MAY 1977					JUNE 1977					JULY 1977					DAY	
1	0.0					0.020			52.825	2.5	0.052				81.447	23.8	0.096			153.162	1	
2	4.0		0.002		3.998	0.019			52.806	4.0	0.040				77.407	23.8	0.092			129.270	2	
3	4.0		0.004		7.994	0.026			52.780	4.0	0.043				73.364	23.8	0.072			105.398	3	
4	4.0		0.007		11.987	0.025			52.755	4.0	0.042				69.322	23.8	0.051			81.547	4	
5	4.0		0.010		15.977	0.022			52.733	0.0	0.032				65.280	23.8	0.036			57.711	5	
6	4.0		0.014		19.963	0.019			52.714	13.4	0.041				78.649	23.8	0.023			33.880	6	
7	4.0		0.016		23.947	0.012			52.702	23.8	0.064				102.385	10.060	0.008			10.080	7	
8	4.0		0.013		27.934	0.006			52.696	23.8	0.050				126.135					0.0	8	
9	4.0		0.009		31.925	0.006			52.690	23.8	0.016				149.919						9	
10	4.0		0.016		35.909	0.012			52.678	23.8	0.048				173.671						10	
11	4.0		0.021		39.888	0.0			52.669	23.8	0.082				197.399						11	
12	4.0		0.027		43.861	2.5			52.657	23.8	0.098				221.091						12	
13	4.0		0.025		47.836	4.0			52.650	23.8	0.108				244.783						13	
14	4.0		0.030		51.806	4.0			61.133	16.4	0.115				268.068						14	
15	1.5		0.035		53.271	4.0			67.100	4.5	0.134				265.434						15	
16	4.0		0.030		53.241	4.0			71.074	0.0	0.125				265.309						16	
17	4.0		0.029		53.212	4.0			75.035		0.142				265.167						17	
18	4.0		0.032		53.180	4.0			79.006		0.124				265.043						18	
19	4.0		0.035		53.145	4.0			82.967		0.104				264.919						19	
20	4.0		0.039		53.106	1.5			84.424		0.107				264.812						20	
21	4.0		0.034		53.072	0.0			84.378		0.143				264.660						21	
22	4.0		0.030		53.040	0.033			84.345		0.170				264.499						22	
23	4.0		0.037		53.005	0.020			84.325		0.171				264.388						23	
24	4.0		0.025		52.980	0.024			84.301		0.154				264.174						24	
25	4.0		0.029		52.951	0.035			84.266		0.155				264.019						25	
26	4.0		0.021		52.930	0.035			84.231		0.0				263.854						26	
27	4.0		0.024		52.906	0.038			84.193	14.9	0.166				248.788						27	
28	4.0		0.027		52.879	0.041			84.152	23.8	0.119				224.869						28	
29	4.0		0.024		52.855	0.051			84.101	23.8	0.101				200.968						29	
30	4.0		0.010		52.845	0.050			84.051	23.8	0.110				177.058						30	
31						0.052			83.999												31	
TOTAL	53.5		0.655			32.0		0.846		200.9	104.8	3.041				176.660	0.378			TOTAL		
DAY	OCTOBER 1977					NOVEMBER 1977					DECEMBER 1977					JUNE 1978					DAY	
1						0.385			84.5.224		0.170				836.247						1	
2						0.577			844.647		0.169				836.078						2	
3						0.770			844.070		0.169				835.909						3	
4						0.189			843.881		0.168				835.741						4	
5						0.191			843.690		0.167				835.574							

Table C-35 (Cont'd)

LOWE'S CANAL COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
JULY 1978																						
1	0.0		0.240		718.844	0.0	0.354			709.382					684.473						1	
2			0.227		718.617		0.408			708.974		9.9	0.658		667.776							2
3			0.245		718.369		0.428			708.550		15.9	0.797		651.238							3
4			0.247		718.122		0.367			708.243		15.9	0.0		635.338							4
5			0.246		717.876		0.459			707.784		15.9	0.0		619.438							5
6			0.268		717.608		0.608			707.182		15.9	0.220		603.318							6
7			0.291		717.317		0.499			706.683		136.0	0.800		464.116							7
8			0.291		717.026		0.387			706.296		147.4	0.164		316.552							8
9			0.395		716.703		0.433			705.863		137.7	0.052		178.760							9
10			0.313		716.386		0.484			705.379		118.6	0.056		60.134							10
11			0.264		716.122		0.406			704.973		41.7	0.008		18.426							11
12			0.292		715.870		0.438			704.538		0.0	0.000		18.416							12
13			0.304		715.566		0.462			704.077			0.008		18.406							13
14			0.284		715.282		0.461			703.616			0.008		18.400							14
15			0.287		714.995		0.531			703.085			0.011		18.389							15
16			0.302		714.693		0.456			702.629			0.013		18.376							16
17			0.399		714.364		0.572			702.057			0.011		18.365							17
18			0.347		714.017		0.475			701.582			0.010		18.355							18
19			0.287		713.699		0.502			701.060			0.011		18.345		0.0				0.0	19
20			0.363		713.336		0.569			700.511			0.011		18.334		3.7				0.0	20
21			0.307		713.029		0.492			700.019			0.011		18.323		2.2				0.001	21
22			0.327		712.702		0.463			699.556			0.013		18.310		0.0				0.001	22
23			0.388		712.314		0.433			699.123			0.013		18.297		0.0				0.001	23
24			0.343		711.971		0.401			698.722			0.011		18.286		0.0				0.001	24
25			0.197		711.774		0.481			698.241			0.013		18.273		3.7				0.002	25
26			0.302		711.472		0.434			697.807			0.012		18.261		6.0				0.002	26
27			0.325		711.147		0.511			697.296			0.011		18.250		2.2				0.001	27
28			0.311		710.811		0.538			696.798			0.010		18.240		0.0				0.001	28
29			0.514		710.497		0.576			696.182			0.012		18.228							29
30			0.355		710.142		0.549			695.633			0.014		18.214							30
31			0.366		709.776		0.602			695.031												31
TOTAL	4.3		9.328			14.745					673.8		3.017			17.8			0.014		3.700	TOTAL
AUGUST 1978																						
SEPTEMBER 1978																						
FEBRUARY 1979																						
MARCH 1979																						
APRIL 1979																						
MAY 1979																						
JUNE 1979																						
JULY 1979																						
AUGUST 1979																						
SEPTEMBER 1979																						
OCTOBER 1979																						
TOTAL	33.7		0.123			394.7		2.265			351.5		6.311			28.0			9.337			TOTAL

Table C-35 (Cont'd)

LOWES CANAL COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
NOVEMBER 1979						DECEMBER 1979					JANUARY 1980					FEBRUARY 1980						
1	2.7		0.040		84,133			0.038		143,392			0.017		142,906			0.008		142,197	1	
2	2.0		0.040		86,095			0.057		143,335			0.034		142,472			0.015		142,182	2	
3	3.2		0.041		89,254			0.057		143,278			0.037		142,155			0.004		142,178	3	
4	6.4		0.029		97,629			0.057		143,221			0.018		142,437			0.004		142,174	4	
5	6.7		0.045		102,890			0.038		143,163			0.0		142,417			0.008		142,166	5	
6	6.0		0.047		108,233			0.038		143,145			0.018		142,419			0.004		142,162	6	
7	4.7		0.049		112,884			0.038		143,107			0.019		142,400			0.013		142,149	7	
8	5.2		0.050		118,034			0.057		143,050			0.019		142,381			0.004		142,188	8	
9	4.7		0.034		122,700			0.038		143,012			0.0		142,361			0.021		142,103	9	
10	4.0		0.035		126,665			0.019		142,993			0.037		142,364			0.021		142,079	10	
11	4.0		0.035		130,629			0.0		142,993			0.014		142,350			0.030		142,049	11	
12	4.0		0.055		134,574			0.019		142,974			0.0		142,350			0.006		142,023	12	
13	4.0		0.056		138,528			0.038		142,936			0.003		142,347			0.006		142,017	13	
14	4.0		0.038		142,480			0.019		142,917			0.008		142,339			0.006		142,013	14	
15	1.5		0.078		143,930			0.019		142,898			0.003		142,336			0.012		141,999	15	
16	0.0		0.098		143,844			0.038		142,860			0.001		142,333			0.011		141,989	16	
17			0.038		143,822			0.038		142,822			0.003		142,340			0.014		141,974	17	
18			0.019		143,806			0.076		142,746			0.006		142,324			0.019		141,958	18	
19			0.019		143,787			0.038		142,708			0.009		142,315			0.051		141,908	19	
20			0.038		143,749			0.038		142,670			0.009		142,306			0.012		141,896	20	
21			0.037		143,712			0.0		142,670			0.009		142,297			0.021		141,875	21	
22			0.019		143,693			0.019		142,651			0.006		142,291			0.018		141,857	22	
23			0.038		143,655			0.019		142,632			0.009		142,282			0.012		141,845	23	
24			0.019		143,636			0.019		142,613			0.010		142,272			0.016		141,829	24	
25			0.037		143,599			0.018		142,595			0.003		142,269			0.003		141,801	25	
26			0.037		143,562			0.0		142,595			0.007		142,262			0.027		141,776	26	
27			0.019		143,543			0.018		142,577			0.010		142,252			0.007		141,755	27	
28			0.037		143,506			0.018		142,559			0.014		142,246			0.025		141,730	28	
29			0.038		143,468			0.018		142,541			0.004		142,238			0.018		141,712	29	
30			0.038		143,430			0.0		142,541			0.018		142,238			0.005		141,710	30	
31			0.038		143,430			0.018		142,523			0.011		142,205							31
TOTAL	64.1		1.145					0.907					0.318					0.493				TOTAL
MARCH 1980						APRIL 1980					MAY 1980					JUNE 1980						
1			0.008		141,704			0.036		140,999			0.019		139,977			0.042		140,793	1	
2			0.011		141,693			0.036		140,963			0.048		139,969			0.031		140,752	2	
3			0.008		141,685			0.037		140,926			0.040		139,889			0.041		140,711	3	
4			0.016		141,669			0.014		140,912			0.057		139,832			0.042		138,669	4	
5			0.038		141,661			0.005		140,907			0.049		139,785			0.041		140,628	5	
6			0.008		141,653			0.032		140,875			0.041		139,742			0.038		140,590	6	
7			0.023		141,630			0.027		140,848			0.040		139,700			0.041		140,546	7	
8			0.027		141,603			0.036		140,812			0.046		139,656			0.046		138,500	8	
9			0.027		141,576			0.041		140,771			0.007		139,649			0.047		138,453	9	
10			0.011		141,565			0.036		140,735			0.026		139,623			0.047		138,406	10	
11			0.019		141,546			0.045		140,690			0.026		139,597			0.046		140,460	11	
12			0.015		141,531			0.054		140,636			0.029		139,566			0.038		140,422	12	
13			0.019		141,512			0.053		140,583			0.030		139,538			0.040		140,382	13	
14			0.019		141,493			0.040		140,543			0.023		139,515			0.046		140,336	14	
15			0.019		141,474			0.039		140,504			0.040		139,475			0.052		140,184	15	
16			0.027		141,447			0.052		140,452			0.03		139,432			0.050		140,134	16	
17			0.019		141,428			0.056		140,396			0.055		139,377			0.050		140,084	17	
18			0.015		141,413			0.047		140,349			0.063		139,314			0.048		140,036	18	
19			0.027		141,386			0.051		140,298			0.068		139,246			0.051		140,005	19	
20			0.034		141,352			0.034		140,264			0.060		139,186			0.040		139,945	20	
21			0.015		141,337			0.039		140,225			0.061		139,115			0.046		139,899	21	
22			0.031		141,306			0.022		140,203			0.037		139,108			0.042	+629.1	767,000	22	
23			0.035		141,270			0.018		140,185			0.028		139,060			0.038		766,768	23	
24			0.040		141,230			0.026		140,159			0.022		139,058			0.232		766,536	24	
25			0.004		141,226			0.034		140,125			0.038		139,020			0.231	+0.7	767,000	25	
26			0.017		141,209			0.038		140,087			0.037		138,983					767,000	26	
27			0.026		141,183			0.041		140,046			0.036		138,947					767,000	27	
28			0.030		141,153			0.020		140,026			0.020		138,907					767,000	28	
29			0.039		141,114			0.004		140,002			0.025		138,868					767,000	29	
30			0.004		141,070			0.026		139,996			0.034		138,868					767,000	30	
31			0.035		141,035								0.033		138,835					767,000	31	
TOTAL			0.677					1.039					1.161					1.673	+629.6		TOTAL	
JULY 1980						AUGUST 1980					SEPTEMBER 1980					FOOTNOTES						
1					767,000			0.459		827,251			9.9		600			862,127	a	479,511 acre-feet transferred from Fisher Ranch and 366,098 acre-feet transferred from Harna Ranch.	1	
2					767,000			0.483		826,770			15.9		613			845,614			2	
3					767,000			0.459		826,311			15.9		625			829,089			3	
4					767,000			0.419		825,892			15.9		631			812,508			4	
5					767,000			0.429		825,463			15.9		609			795,999			5	
6	5.0		0.269		771,731			0.439		825,024			15.9		669			779,430			6	
7	7.9		0.273		779,348			0.433		824,591			15.9		507			763,023			7	
8	3.0		0.275		792,083			0.445		824,146			15.9		524			746,599			8	
9	0.0				791,828			0.491		823,655			15.9		486			730,213			9	
10			0.267		781,561			0.500		823,155			15.9		546			713,767			10	
11			0.291		781,270			0.493		822,662			15.9		519			697,318			11	
12			0.270		781,000			0.485		822,177			15.9		501			680,947			12	
13			0.329		780,671																	

Table C-36

SEMINOLE BUTTE MUTUAL WATER COMPANY

IN STORAGE		OUT STORAGE		EVAPORATION		RELEASE ADJUSTMENT		ADJUSTED STORAGE		IN STORAGE		OUT STORAGE		EVAPORATION		RELEASE ADJUSTMENT		ADJUSTED STORAGE		IN STORAGE		OUT STORAGE		EVAPORATION		RELEASE ADJUSTMENT		ADJUSTED STORAGE	
DAY	APRIL 1976	MAY 1976	JUNE 1976	JULY 1976	DAY	MAY 1977	JUNE 1977	JULY 1977	AUGUST 1977	DAY	DECEMBER 1977	JUNE 1978	JULY 1978	AUGUST 1978	DAY	DECEMBER 1977	JUNE 1978	JULY 1978	AUGUST 1978	DAY	DECEMBER 1977	JUNE 1978	JULY 1978	AUGUST 1978	DAY	DECEMBER 1977	JUNE 1978	JULY 1978	AUGUST 1978
1		2.2	0.005	13.585	0.044	0.004	98.693		0.040	67.278	1				1		0.008	11.687	0.053	37.263	0.7	0.034	32.446	1					
2		6.0	0.008	19.577	0.038	0.004	97.615		0.047	67.231	2				2		0.009	17.678	0.027	37.236	0.0	0.035	32.413	2					
3		6.0	0.011	25.566	0.040	0.004	98.575		0.042	67.189	3				3		0.014	23.668	0.026	37.210	0.034	0.034	32.377	3					
4		6.0	0.013	31.553	0.046	0.004	99.539		0.049	67.140	4				4		0.016	29.660	0.023	37.187	0.027	0.027	32.350	4					
5		6.0	0.012	37.541	0.043	0.004	98.486		0.051	67.089	5				5		0.013	25.652	0.023	37.164	0.030	0.030	32.300	5					
6		2.2	0.011	39.730	0.040		98.446		0.049	67.040	6				6		0.013	25.822	0.025	37.139	0.029	0.029	32.291	6					
7		0.0	0.015	39.715	0.035		98.411		0.050	66.990	7				7		0.015	25.806	0.029	37.110	0.028	0.028	32.267	7					
8		3.7	0.021	43.374	0.033		98.381		0.052	66.938	8				8		0.010	29.493	0.028	37.084	2.5	0.028	29.739	8					
9		6.0	0.022	49.352	0.017		98.313		0.058	66.888	9				9		0.010	35.483	0.027	37.129	4.0	0.024	21.690	9					
10		6.0	0.022	55.330	0.034		98.297		0.056	66.774	10				10		0.010	37.667	0.028	37.003	4.0	0.019	17.671	10					
11		6.0	0.037	61.293	0.043		98.254		0.054	66.720	11				11		0.017	37.650	0.030	36.971	4.0	0.015	13.656	11					
12		6.0	0.044	67.249	0.047		98.207		0.060	66.660	12				12		0.017	37.633	0.030	36.941	4.0	0.011	9.645	12					
13		6.0	0.044	73.205	0.056		98.151		0.061	66.599	13				13		0.017	37.616	0.031	36.910	4.0	0.007	5.638	13					
14		6.0	0.041	79.164	0.066		98.085		0.066	66.539	14				14		0.019	37.597	0.031	36.879	4.0	0.002	1.636	14					
15		6.0	0.043	85.122	0.052		98.023		0.062	66.485	15				15		0.018	37.579	0.023	36.856	1.636	0.0	0.0	15					
16		6.0	0.043	91.078	0.054		97.969		0.062	66.429	16				16		0.020	37.559	0.031	36.825				16					
17		6.0	0.039	97.039	0.063		97.906		0.063	66.373	17				17		0.018	37.541	0.030	36.795				17					
18		2.2	0.039	99.200	0.052		97.854		0.052	66.317	18				18		0.018	37.523	0.029	36.766				18					
19		0.0	0.039	99.161	0.056		97.798		0.056	66.263	19				19		0.015	37.506	0.029	36.737				19					
20			0.042	99.119	0.057		97.741		0.057	66.206	20				20		0.020	37.488	0.030	36.707				20					
21			0.043	99.074	0.058	0.0	97.683		0.058	66.150	21				21		0.024	37.470	0.033	36.674				21					
22			0.038	99.003	0.053	3.7	97.620		0.053	66.094	22				22		0.019	37.450	0.029	36.645	0.0	0.007	3.630	22					
23			0.043	98.962	0.059	6.0	97.559		0.059	66.038	23				23		0.022	37.431	0.030	36.615	2.0	0.040	3.603	23					
24				98.911	0.051	6.0	97.497		0.051	65.982	24				24		0.022	37.412	0.030	36.584	0.099	0.099	3.576	24					
25	1.3	0.001		98.862	0.056	6.0	97.435		0.056	65.926	25				25		0.022	37.396	0.031	36.554	2.0	0.029	3.549	25					
26			1.898		0.051	6.0	97.373		0.051	65.869	26				26		0.025	37.373	0.034	36.520				26					
27	0.7	0.001	1.897		0.056	6.0	97.311		0.056	65.811	27				27		0.020	37.354	0.030	36.486				27					
28	0.0	0.001	1.896		0.042	6.0	97.249		0.042	65.754	28				28		0.019	37.309	0.034	36.449				28					
29	2.5	0.004	1.894		0.046	6.0	97.187		0.046	65.697	29				29		0.023	37.296	0.031	36.412	0.0	0.004	3.522	29					
30	4.0		1.890		0.036	6.0	97.125		0.036	65.640	30				30		0.023	37.286	0.030	36.374	2.0	0.029	3.495	30					
31			1.890		0.038	6.0	97.063		0.038	65.583	31				31									31					
TOTAL	8.4	0.010		91.3	0.993	29.9	1.479			66.383	0.935			TOTAL	5.7	0.005	32.1	0.509	3.2	0.906	32.834	0.344		TOTAL	4.4	0.002	-4.398	0.126	
DAY	APRIL 1976	MAY 1976	JUNE 1976	JULY 1976	DAY	MAY 1977	JUNE 1977	JULY 1977	AUGUST 1977	DAY	DECEMBER 1977	JUNE 1978	JULY 1978	AUGUST 1978	DAY	DECEMBER 1977	JUNE 1978	JULY 1978	AUGUST 1978	DAY	DECEMBER 1977	JUNE 1978	JULY 1978	AUGUST 1978	DAY	DECEMBER 1977	JUNE 1978	JULY 1978	AUGUST 1978

Table C-36 (Cont'd)

SENTINEL BUTTE MUTUAL WATER COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY			
SEPTEMBER 1978						FEBRUARY 1979						MARCH 1979						APRIL 1979						DAY
1					176,825						2.5		0.003		18,478	5.2		0.010			99,364	1		
2					176,624						1.5		0.004		19,974	6.0		0.025			105,199	2		
3	0.0				175,444						0.0		0.005		19,969	6.0		0.005			110,051	3		
4	2.5				178,941								0.005		19,964	5.2		0.030			115,203	4		
5	4.0				182,941								0.005		19,959	6.0		0.032			121,171	5		
6	4.0			0.068	186,873						0.0		0.005		19,954	6.0		0.016			127,155	6		
7	4.0			0.083	190,790						2.5		0.007		22,447	6.0		0.025			133,130	7		
8	4.0			0.101	194,689						4.0		0.008		26,439	6.0		0.034			139,096	8		
9	1.5			0.101	196,088						4.0		0.009		30,430	6.0		0.030			145,070	9		
10	0.0			0.085	196,003						4.0		0.009		34,421	6.0		0.030			151,040	10		
11				0.085	195,918						4.0		0.007		38,414	6.0		0.027			157,013	11		
12				0.103	195,815						4.0		0.011		42,403	6.0		0.028			161,685	12		
13				0.087	195,788						4.0		0.012		46,391	5.2		0.038			166,847	13		
14				0.086	195,642						4.0		0.008		50,385	6.0		0.048			172,799	14		
15				0.120	195,522						4.0		0.009		54,376	6.0		0.053			178,746	15		
16				0.117	195,385						4.0		0.006		58,370	6.0		0.049			184,697	16		
17				0.119	195,266						4.0		0.003		62,367	6.0		0.075			190,662	17		
18				0.103	195,163						4.0		0.014		66,353	6.0		0.041			196,621	18		
19				0.102	195,061		0.0		0.0	0.0	4.0		0.004		70,349	6.0		0.047			202,574	19		
20				0.120	194,941	2.5		0.0	2.500		1.5		0.014		74,335	6.0		0.053			208,521	20		
21				0.120	194,821	4.0		0.001		6,499	0.0		0.010		78,325	6.0		0.054			214,467	21		
22				0.138	194,681	4.0		0.001		10,498	0.0		0.010		82,315	5.9		0.056			220,311	22		
23				0.139	194,544	4.0		0.003		14,495	0.0		0.017		86,302	6.0		0.056			226,255	23		
24				0.122	194,422	1.5		0.003		15,992	0.0		0.016		90,288	6.0		0.058			232,197	24		
25				0.140	194,282	0.0		0.003		15,981	0.0		0.019		94,273	6.0		0.047			238,150	25		
26				0.124	194,158			0.002		15,987	2.5		0.010		98,257	6.0		0.035			244,115	26		
27				0.117	194,041			0.003		15,984	4.0		0.016		102,242	6.0		0.048			250,067	27		
28				0.109	193,928			0.003		15,981	4.0		0.016		106,227	6.0		0.054			256,023	28		
29				0.129	193,803						4.0		0.013		110,212	6.0		0.071			261,942	29		
30				0.149	193,654						4.0		0.007		114,194	6.0		0.059			267,883	30		
31											4.0		0.017									273,824	31	
TOTAL	20.0		3.341			16.0		0.019			78.5		0.287			174.9		1.211				TOTAL		
MAY 1979						JUNE 1979						JULY 1979						AUGUST 1979						DAY
1	6.0			0.059	273,824	6.0		0.197		440,314	2.2		0.275		610,438			0.635			600,773	1		
2	6.0			0.060	279,764	6.0		0.194		446,120	1.2		0.246		611,392			0.649			600,124	2		
3	6.0			0.078	285,686	6.0		0.177		451,943	0.7		0.227		611,865			0.577			598,547	3		
4	6.0			0.087	291,599	6.0		0.159		457,764	0.0		0.221		611,644			0.582			598,965	4		
5	6.0			0.085	297,514	6.0		0.173		463,611	0.0		0.224		611,420			0.646			598,319	5		
6	6.0			0.077	303,437	6.0		0.194		469,417	0.0		0.253		611,167			0.622			597,717	6		
7	6.0			0.047	309,350	6.0		0.164		475,213	0.0		0.270		610,897			0.750	-597.0		0.0	597,067	7	
8	6.0			0.036	315,254	6.0		0.207		481,046	0.0		0.302		610,595			0.0				596,411	8	
9	6.0			0.078	321,276	6.0		0.210		486,836	0.0		0.361		610,234							595,764	9	
10	6.0			0.098	327,178	6.0		0.228		492,608	0.0		0.305		609,969							595,117	10	
11	6.0			0.112	333,066	6.0		0.260		498,348	0.0		0.259		609,670							594,470	11	
12	6.0			0.138	338,928	6.0		0.176		504,172	0.0		0.309		609,361							593,823	12	
13	6.0			0.150	344,778	6.0		0.183		509,989	0.0		0.347		609,014							593,176	13	
14	6.0			0.156	350,622	6.0		0.172		515,817	0.0		0.358		608,656							592,529	14	
15	6.0			0.131	356,491	6.0		0.170		521,647	0.0		0.400		608,296							591,882	15	
16	6.0			0.112	362,379	6.0		0.182		527,465	0.0		0.446		607,910							591,235	16	
17	6.0			0.130	368,249	6.0		0.146		533,219	0.0		0.397		607,413							590,588	17	
18	6.0			0.122	374,127	6.0		0.190		539,029	0.0		0.399		606,918							589,941	18	
19	6.0			0.127	380,000	6.0		0.195		544,934	0.0		0.448		606,570							589,294	19	
20	6.0			0.125	385,875	6.0		0.201		550,733	0.0		0.243		606,327							588,647	20	
21	6.0		0.094	391,781	6.0		0.222		556,531	0.0		0.274		606,053								587,999	21	
22	6.0			0.091	387,690	6.0		0.198		562,320	0.0		0.390		605,765							587,352	22	
23	6.0			0.095	383,595	6.0		0.204		568,116	0.0		0.366		605,497							586,705	23	
24	6.0			0.129	393,466	6.0		0.237		573,979	0.0		0.455		604,842							586,058	24	
25	6.0			0.136	399,330	6.0		0.232		579,847	0.0		0.457		604,395							585,411	25	
26	6.0			0.148	405,182	6.0		0.207		585,440	0.0		0.458		603,927							584,764	26	
27	6.0			0.126	411,056	6.0		0.232		591,208	0.0		0.405		603,522							584,117	27	
28	6.0			0.116	416,940	6.0		0.237		596,974	0.0		0.459		603,063							583,470	28	
29	6.0			0.129	422,811	6.0		0.224		602,750	0.0		0.448		602,615							582,823	29	
30	6.0			0.149	428,662	6.0		0.237		608,513	0.0		0.518		601,997							582,176	30	
31	6.0			0.151	434,511	6.0		0.089		614,274	0.0		0.589		601,408							581,529	31	
TOTAL	174.0	4.0	3.372			180.0		5.998		</														

Table C-37

SWEENEY DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
APRIL 1976																						MAY 1976					JUNE 1976					MAY 1977					
1						9.2		0.010		25.968					170.472						1																
2						9.9		0.014		35.854					170.407						2																
3						9.9		0.019		45.735					170.337						3																
4						9.9		0.023		55.612					170.258						4																
5						9.9		0.028		65.491					170.184						5																
6						6.2		0.080		71.671					170.115						6																
7						1.5		0.029		73.142					170.055						7																
8						0.0		0.096		73.106					170.004						8																
9						6.2		0.039		79.267					169.947						9																
10						9.9		0.040		89.127					169.918						10																
11						9.9		0.039		98.988					169.899						11																
12						9.9		0.065		108.823					169.785						12																
13						9.9		0.077		118.646					137.431						13																
14						9.9		0.077		128.469					137.431						14																
15						9.9		0.072		138.297					116.852						15																
16						9.9		0.075		148.122					95.991						16																
17						9.9		0.074		157.948					75.119						17																
18						9.9		0.067		167.781					54.913						18																
19						3.7		0.068		171.413					35.094						19																
20						0.0		0.067		171.346					15.289						20																
21								0.072		171.274					0.0						21																
22								0.061		171.213											22																
23								0.070		171.143											23																
24								0.065		171.078											24																
25								0.074		171.004											25																
26								0.068		170.916											26																
27								0.097		170.819											27																
28								0.072		170.747											28																
29								0.078		170.675											29																
30								0.062		170.613											30																
31								0.066		170.547											31																
TOTAL	16.8		0.022		1.200	155.5		1.731			169.385		1.162		18.1		0.009			3.698	TOTAL																
JUNE 1977																						DECEMBER 1977					JUNE 1978					JULY 1978					
1																					1																
2																					2																
3																					3																
4																					4																
5																					5																
6																					6																
7																					7																
8																					8																
9																					9																
10																					10																
11																					11																
12																					12																
13																					13																
14																					14																
15																					15																
16																					16																
17																					17																
18																					18																
19																					19																
20																					20																
21																					21																
22																					22																
23																					23																
24																					24																
25																					25																
26																					26																
27																					27																
28																					28																
29																					29																
30																					30																
31																					31																
TOTAL	33.4		0.104	-45.387		10.9		0.011	-10.889				0.300								174.5	TOTAL															
AUGUST 1978																						JANUARY 1979					MARCH 1979					APRIL 1979					
1																					1																
2																					2																
3																					3																
4																					4																
5																					5																
6																					6																
7																					7																
8																					8																
9																					9																
10																					10																
11																					11																
12																					12																
13																					13																
14																					14																
15																					15																
16																					16																
17																					17																
18																					18																
19																					19																
20																					20																
21																					21																
22																					22																
23																					23																
24																					24																
25																					25																
26																					26																
27																					27																
28																					28																
29																					29																
30																					30																
31																					31																
TOTAL	0.7	69.900	1.529	-92.795 <sup>b</sup>		21.5		0.025			11.0		0.293								TOTAL																

Table C-37 (Cont'd)

SWEENEY DITCH COMPANY

DAY	MAY 1979					JUNE 1979					JULY 1979					AUGUST 1979					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	3.2		0.036		165.703	3.2		0.118		262.816	1.2		0.159		353.240			0.367		347.154	1
2	3.2		0.046		168.867	3.2		0.115		265.901	0.4		0.142		353.498			0.375		346.779	2
3	3.2		0.047		172.020	3.2		0.105		268.996	0.2		0.131		353.567			0.334		346.445	3
4	3.2		0.052		175.168	3.2		0.094		272.102	0.0		0.133		353.444			0.336		346.109	4
5	3.2		0.051		178.317	3.2		0.103		275.199			0.129		353.305			0.373		345.736	5
6	3.2		0.046		181.471	3.2		0.115		278.284			0.116		353.159			0.348		345.888	6
7	3.2		0.028		184.623	3.2		0.097		281.387			0.156		353.003			0.433	-345.0	0.0	7
8	3.2		0.021		187.822	3.2		0.122		284.465			0.174		352.829						8
9	3.2		0.047		190.975	3.2		0.124		287.541			0.209		352.620						9
10	3.2		0.058		194.117	3.2		0.134		290.607			0.176		352.444						10
11	3.2		0.066		197.251	3.2		0.153		293.654			0.150		352.294						11
12	3.2		0.081		200.370	3.2		0.126		296.728			0.179		352.115						12
13	3.2		0.089		203.481	3.2		0.107		299.821			0.200		351.915						13
14	3.2		0.092		206.589	3.2		0.101		302.920			0.207		351.708						14
15	3.2		0.077		209.712	3.2		0.099		306.021			0.231		351.477						15
16	3.2		0.065		212.846	3.2		0.106		309.115			0.258		351.219						16
17	3.2		0.075		215.970	3.2		0.085		312.230			0.229		350.990						17
18	3.2		0.072		219.096	3.2		0.111		315.319			0.228		350.762						18
19	3.2		0.074		222.224	3.2		0.114		318.409			0.259		350.503						19
20	3.2		0.073		225.351	3.2		0.117		321.488			0.141		350.368						20
21	3.2		0.095		228.496	3.2		0.129		324.599			0.158		350.204						21
22	3.2		0.094		231.642	3.2		0.111		327.648			0.225		349.979						22
23	3.2		0.098		234.788	3.2		0.119		330.729			0.212		349.767						23
24	3.2		0.078		237.906	3.2		0.138		333.791			0.263		349.504						24
25	3.2		0.082		241.024	3.2		0.135		336.856			0.264		349.240						25
26	3.2		0.089		244.135	3.2		0.120		339.936			0.265		348.975						26
27	3.2		0.075		247.259	3.2		0.135		343.001			0.234		348.741						27
28	3.2		0.069		250.390	3.2		0.137		346.064			0.265		348.476						28
29	3.2		0.073		253.513	3.2		0.158		349.136			0.316		348.160						29
30	3.2		0.099		256.624	3.2		0.137		352.199			0.299		347.861						30
31	3.2		0.090		259.734	3.2							0.340		347.521						31
TOTAL	99.2		2.005			96.0		3.535			1.8		6.478					2.566	-345.0		TOTAL
DAY	JUNE 1980					JULY 1980					AUGUST 1980					SEPTEMBER 1980					DAY
1										383.000	3.2		0.112		202.404			0.157		225.332	1
2										383.000	3.2		0.120		205.484			0.163		225.169	2
3										383.000	3.2		0.116		208.568			0.170		0.0	3
4										383.000	3.2		0.107		211.661			0.0	-225.0	0.0	4
5						0.0		0.0		383.000	3.2		0.112		214.749						5
6						6.2		0.135		389.065	3.2		0.116		217.833						6
7						9.9		0.140		392.225	3.2		0.116		220.917						7
8						9.9		0.144		408.581	3.2		0.121		223.996						8
9						9.9		0.136		418.345	3.2		0.135		227.061						9
10						9.9		0.146		428.099	1.2		0.139		228.122						10
11						9.9		0.163		437.836	0.0		0.137		227.985						11
12						9.9		0.155		447.581			0.134		227.851						12
13						9.9		0.193		457.288			0.133		227.718						13
14						9.9		0.185		467.003			0.107		227.611						14
15						9.9		0.211		476.692			0.092		227.519						15
16						9.9		0.233		486.359			0.107		227.412						16
17						9.9		0.202		496.057			0.116		227.296						17
18						9.9		0.208		505.749			0.112		227.184						18
19						9.9		0.215		515.434			0.094		227.090						19
20						9.9		0.263		525.071			0.122		226.968						20
21						9.9		0.313		534.688			0.117		226.851						21
22						9.9		0.305		544.293			0.105		226.746						22
23			0.116	+353.0	382.884	9.9		0.260		553.893			0.121		226.675						23
24			0.116		382.768	9.9		0.324		563.469			0.145		226.480						24
25			0.116	+0.3	383.000	9.9		0.210		573.159			0.148		226.332						25
26			0.0		383.000	9.9		0.315		582.744			0.130		226.202						26
27					383.000	9.9		0.326		592.318			0.136		226.066						27
28					383.000	9.9		0.357		601.861			0.152		225.914						28
29					383.000	9.9		0.326		611.435			0.134		225.760						29
30					383.000	9.9		0.192		621.143			0.132		225.648						30
31					383.000	9.9		0.295	-431.4	199.316			0.159		225.489						31
TOTAL			0.348	+383.34		293.7		5.952	-431.4		30.0		3.827				0.490	-225.0			TOTAL
DAY	FOOTNOTES																				DAY
1	e Released because Terminus Reservoir above allowable storage.																				1
2	b Transferred to Peoples Ditch Company.																				2
3	c Transferred to Tulare Irrigation District.																				3
4	d Storage adjusted to maximum allowable.																				4
5	e 200.0 acre-feet transferred to Consolidated Peoples Ditch Company and 231.4 acre-feet transferred to Consolidated Peoples Ditch Company from Sweeney Ditch.																				5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31



Table C-38

MATHESON DITCH COMPANY

		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
DAY		OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY		
1																								1
2							0.7		0.003		19,506					19,355				0.003			19,266	2
3							0.0		0.005		19,501					19,352				0.003			19,263	3
4									0.008		19,493					19,347				0.003			19,260	4
5									0.003		19,485					19,341				0.003			19,257	5
6											19,482					19,338				0.003			19,254	6
7									0.0		19,479					19,335				0.003			19,251	7
8									0.003		19,479					19,332				0.003			19,248	8
9									0.0		19,476					19,329				0.003			19,245	9
10									0.003		19,473					19,326				0.003			19,242	10
11	2.5			0.001		2,499			0.006		19,467					19,328				0.0			19,239	11
12	2.2			0.003		12,259			0.009		19,458					19,323				0.0			19,236	12
13	1.2			0.004		5,893			0.009		19,449					19,323				0.003			19,233	13
14	0.7			0.006		7,089			0.011		19,438					19,320				0.003			19,233	14
15	2.0			0.006		9,083			0.011		19,427					19,317				0.003			19,230	15
16	0.7			0.005		9,778			0.006		19,421					19,314				0.005			19,224	16
17	0.0			0.005		9,773			0.003		19,418					19,311				0.006			19,218	17
18	2.3			0.003		9,770			0.006		19,412					19,308				0.005			19,212	18
19	0.7			0.003		9,757			0.003		19,406					19,302				0.003			19,209	19
20	0.0			0.006		9,751			0.006		19,400					19,299				0.006			19,203	20
21	0.0			0.006		9,755			0.006		19,394					19,293				0.006			19,197	21
22	0.0			0.005		9,750			0.006		19,388					19,290				0.006			19,191	22
23	0.0			0.005		9,745			0.005		19,382					19,290				0.006			19,185	23
24	0.0			0.005		9,740			0.003		19,379					19,287				0.003			19,182	24
25	0.0			0.005		9,735			0.006		19,373					19,284				0.003			19,179	25
26	0.0			0.002		9,733			0.006		19,367					19,281				0.006			19,173	26
27	2.5			0.004		11,929			0.003		19,364					19,281				0.006			19,166	27
28	2.7			0.004		14,965			0.0		19,364					19,284				0.003			19,159	28
29	0.7			0.009		15,616			0.0		19,364					19,275				0.003			19,152	29
30	1.2			0.008		16,814			0.003		19,361					19,272				0.003			19,145	30
31	2.0			0.005		18,809			0.003		19,351					19,269				0.003			19,138	31
TOTAL		18.9		0.091			0.7		0.148						0.092					0.131			TOTAL	
DAY		FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY		
1				0.007		19,131	18.3		0.007		52,178	40.6		0.407		1,938,088	39.4		0.953		2,423,799	1		
2				0.007		19,124	29.4		0.010		81,568	35.9		0.514		1,627,478	39.8		0.951		2,625,648	2		
3				0.007		19,117	42.4		0.013		123,953	35.9		0.382		1,163,052	40.1		1.049		2,908,699	3		
4				0.0		19,117	48.4		0.020		172,333	35.9		0.105		1,488,857	41.3		1.040		2,941,059	4		
5				0.004		19,113	48.4		0.076		220,657	35.9		0.212		1,534,545	40.4		0.829		2,981,530	5		
6				0.004		19,109	47.0		0.061		267,596	35.9		0.536		1,569,909	38.8		0.726		2,619,604	6		
7				0.0		19,109	46.2		0.105		313,691	35.9		0.432		1,605,377	36.9		1.036		2,659,468	7		
8	0.0			0.0		19,109	47.6		0.119		361,172	35.9		0.323		1,631,554	36.9		1.343		2,691,025	8		
9	5.3			0.005		21,609	47.0		0.044		408,128	30.3		0.326		1,658,588	39.3		1.335		2,729,990	9		
10				0.005		26,804	47.6		0.048		455,680	35.9		0.328		1,697,100	41.4		1.227		2,769,163	10		
11	2.2			0.005		28,399	47.0		0.052		502,688	35.9		0.220		1,728,780	40.5		1.115		2,808,548	11		
12	0.0			0.005		28,394	46.2		0.169		548,659	35.9		0.333		1,768,347	38.3		1.700		2,848,148	12		
13				0.005		28,389	46.2		0.281		594,678	35.9		0.383		1,803,864	38.5		1.866		2,881,782	13		
14				0.005		28,384	47.6		0.192		642,086	35.9		0.449		1,839,315	39.1		1.741		2,919,141	14		
15				0.005		28,379	43.0		0.201		688,885	29.3		0.338		1,868,277	39.0		1.535		2,956,606	15		
16				0.005		28,374	38.6		0.276		723,209	32.0		0.680		1,899,597	39.3		1.523		2,994,381	16		
17				0.005		28,369	33.3		0.353		776,156	35.9		0.685		1,934,812	40.1		1.426		3,033,055	17		
18				0.009		28,364	27.8		0.214		783,742	35.9		0.575		1,970,137	42.6		1.236		3,071,419	18		
19				0.004		28,356	33.4		0.292		816,850	29.2		0.806		1,998,531	43.8		1.261		3,110,978	19		
20				0.004		28,352	44.4		0.303		860,947	31.1		0.802		2,028,829	43.8		1.242		3,159,536	20		
21				0.009		28,343	48.4		0.315		909,032	36.0		0.797		2,064,032	45.0		1.343		3,203,193	21		
22				0.009		28,334	41.7		0.242		950,490	36.8		0.790		2,100,042	47.5		1.157		3,248,536	22		
23				0.008		28,326	44.4		0.250		994,640	36.9		0.748		2,136,194	46.0		1.354		3,294,182	23		
24				0.008		28,318	48.4		0.343		1,042,697	36.9		0.891		2,172,203	47.0		1.265		3,339,516	24		
25				0.004		28,314	40.6		0.262		1,083,035	36.9		0.994		2,208,109	46.2		1.466		3,384,650	25		
26				0.008		28,306	37.0		0.445		1,119,590	36.9		0.990		2,244,409	44.9		1.766		3,427,784	26		
27				0.008		28,298	42.2		0.182		1,161,608	36.6		0.990		2,279,609	43.3		1.972		3,469,112	27		
28	0.0			0.008		28,290	47.1		0.373		1,208,335	35.0		0.988		2,313,641	42.6		1.489		3,510,277	28		
29	5.0			0.005		33,885	48.4		0.450		1,256,285	35.9		0.964		2,348,557	35.3		1.489		3,544,238	29		
30				0.005			48.4		0.588		1,304,097	37.8		0.995		2,385,362	25.3		1.292		3,568,246	30		
31				0.005			48.4		0.602		1,353,895					2,421,161			1.397		3,599,849	31		
TOTAL		14.9		0.153			324.8		6.790			1051.4		17.933			1255.6		41.113			TOTAL		
DAY		JUNE 1976					JULY 1976					OCTOBER 1976					NOVEMBER 1976					DAY		
1	22.6			1.611		3650,838	77.3		1.603		2687,225	21.2		0.005		21,195			0.023			48,929	1	
2	62.9			1.425		3799,713	80.8		1.819		2804,606	16.3		0.012		37,483			0.031			48,898	2	
3	22.6			1.530		3760,774	82.8		1.579		2920,227	23.3		0.020		60,763			0.033			48,865	3	
4	34.1			1.753		3793,121	82.7		1.789		2435,738	32.5		0.040		93,223			0.017			48,848	4	
5	20.8			1.659		3812,262	82.7		1.800		2351,238	31.7		0.066		124,857			0.044			48,804	5	
6	21.6			1.564		3832,298	82.7		1.649		2266,889	31.7		0.088		156,469			0.044			48,760	6	
7	18.8			1.363		3849,735	82.7		1.363		2182,553	31.7		0.146		188,023			0.035			48,725	7	
8	14.6			1.163																				

Table C-38 (Cont'd)

MATHESON DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
DECEMBER 1976																						JANUARY 1977																						FEBRUARY 1977																						MARCH 1977																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1		0.017		48,135		0.008		47,995		47,794	15.1	0.050			200,009	1	1		0.016		47,940		0.007		47,735	13.4	0.050			213,309	1	1		0.017		48,402		0.008		47,932		47,720	10.7	0.054			223,945	2	1		0.017		48,385		0.008		47,924		47,705	8.7	0.056			232,559	3	1		0.017		48,368		0.008		47,916		47,690	6.7	0.058			239,171	4	1		0.017		48,351		0.008		47,908		47,683	9.7	0.152			248,719	5	2		0.017		48,334		0.008		47,900		47,669	11.9	0.127			260,492	6	3		0.017		48,317		0.008		47,892		47,655	11.9	0.099			272,293	7	4		0.008		48,300		0.007		47,884		47,648	15.6	0.035			287,858	8	5		0.017		48,282		0.0		47,884		47,634	16.6	0.109			304,349	9	6		0.017		48,275		0.008		47,876		47,620	14.6	0.113			318,836	10	7		0.017		48,258		0.008		47,868		47,606	16.4	0.118			335,118	11	8		0.017		48,241		0.008		47,860		47,592	16.6	0.123			351,595	12	9		0.017		48,224		0.0		47,852		47,578	13.4	0.127			369,868	13	10		0.017		48,207		0.0		47,850		47,570	10.7	0.130			375,438	14	11		0.025		48,182		0.008		47,852		47,532	17.4	0.045			398,793	15	12		0.025		48,157		0.008		47,844		47,512	15.6	0.139			408,254	16	13		0.017		48,140		0.008		47,836		47,485	13.1	0.095			421,259	17	14		0.017		48,123		0.008		47,828		47,459	12.6	0.146			433,713	18	15		0.017		48,106		0.008		47,820		47,446	11.9	0.149			445,464	19	16		0.008		48,090		0.008		47,812	5.0	0.0	52,446	14.4	0.203			459,661	20	17		0.017		48,073		0.007		47,805	24.1	0.021	76,325	20.8	0.264			480,197	21	18		0.017		48,056		0.007		47,798	21.1	0.031	109,311	27.5	0.221			507,476	22	19		0.017		48,039		0.007		47,791	24.6	0.017	129,894	31.0	0.174			525,302	23	20		0.008		48,022		0.007		47,784	20.1	0.058	149,936	30.5	0.061			568,741	24	21		0.017		48,005		0.007		47,777	12.9	0.063	162,773	24.8	0.252			593,289	25	22		0.017		47,988		0.007		47,770	9.9	0.044	172,689	21.8	0.324			614,765	26	23		0.017		47,971		0.007		47,763	12.4	0.070	184,959	23.1	0.266			637,598	27	24		0.008		47,954		0.007		47,756				23.1	0.341			697,398	28	25		0.008		47,937		0.007		47,749				17.8	0.283			674,969	29	26		0.008		47,920		0.007		47,742				14.1				688,766	30	27		0.008		47,903		0.007		47,735												31

Table C-38 (Cont'd)

NATURAL DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																				
JULY 1978																						AUGUST 1978					FEBRUARY 1979					MARCH 1979									
1	26.5	0.260	778.619	17.9	0.0	501.312								22.5	0.001	115.907	1	1	26.5	0.260	778.619	17.9	0.0	501.312						22.5	0.001	115.907	1								
2	31.7	0.236	786.583	6.7	7.4	500.384								24.8	0.005	140.088	2	2	31.7	0.236	786.583	6.7	7.4	500.384						24.8	0.005	140.088	2								
3	31.7	0.247	714.736	14.4	0.290	485.533								24.7	0.044	164.738	3	3	31.7	0.247	714.736	14.4	0.290	485.533						24.7	0.044	164.738	3								
4	28.0	0.235	682.800	15.9	0.203	469.530								24.7	0.049	189.389	4	4	28.0	0.235	682.800	15.9	0.203	469.530						24.7	0.049	189.389	4								
5		0.285	654.576	0.0	13.4	455.834								24.8	0.054	214.135	5	5		0.285	654.576	0.0	13.4	455.834						24.8	0.054	214.135	5								
6			628.543	2.5	4.5	0.386	453.448							25.9	0.059	239.976	6	6	25.8	0.235	628.543	2.5	4.5	0.386	453.448					25.9	0.059	239.976	6								
7	25.8	0.244	602.497	1.5	9.9	0.314	444.734							25.5	0.063	265.593	7	7	25.8	0.244	602.497	1.5	9.9	0.314	444.734					25.5	0.063	265.593	7								
8	19.6	0.237	582.660	0.0	15.9	0.255	426.559							24.6	0.066	289.507	8	8	19.6	0.237	582.660	0.0	15.9	0.255	426.559					24.6	0.066	289.507	8								
9	15.9	0.257	566.503	14.8	0.255	412.144								24.9	0.069	314.018	9	9	15.9	0.257	566.503	14.8	0.255	412.144						24.9	0.069	314.018	9								
10	0.0	0.242	550.361	9.9	0.278	386.966								23.9	0.091	337.827	10	10	0.0	0.242	550.361	9.9	0.278	386.966						23.9	0.091	337.827	10								
11	2.5	6.0	546.660	11.2	0.227	394.539								23.8	0.070	361.557	11	11	2.5	6.0	546.660	11.2	0.227	394.539						23.8	0.070	361.557	11								
12	4.0	0.0	550.466	18.1	0.232	376.207								24.2	0.096	385.661	12	12	4.0	0.0	550.466	18.1	0.232	376.207						24.2	0.096	385.661	12								
13	4.0	0.235	554.231	13.1	0.238	362.869								24.7	0.102	410.259	13	13	4.0	0.235	554.231	13.1	0.238	362.869						24.7	0.102	410.259	13								
14	4.0	0.222	558.009	9.2	0.232	351.437								24.9	0.091	435.106	14	14	4.0	0.222	558.009	9.2	0.232	351.437						24.9	0.091	435.106	14								
15	4.0	0.225	561.784	14.9	0.255	338.282								24.2	0.077	459.231	15	15	4.0	0.225	561.784	14.9	0.255	338.282						24.2	0.077	459.231	15								
16	4.0	0.239	565.545	17.9	0.208	320.174								24.2	0.092	483.779	16	16	4.0	0.239	565.545	17.9	0.208	320.174						24.2	0.092	483.779	16								
17	4.0	0.263	569.288	22.8	0.242	297.132								24.8	0.047	508.152	17	17	4.0	0.263	569.288	22.8	0.242	297.132						24.8	0.047	508.152	17								
18	1.5	7.4	563.108	25.8	0.123	271.149								25.1	0.110	533.142	18	18	1.5	7.4	563.108	25.8	0.123	271.149						25.1	0.110	533.142	18								
19	0.0	0.245	550.963	29.5	0.173	241.476					0.0	0.0		25.4	0.028	558.514	19	19	0.0	0.245	550.963	29.5	0.173	241.476	0.0	0.0		0.0	0.0	25.4	0.028	558.514	19								
20	11.9	0.274	538.789	28.0	0.173	213.303					6.1	0.001	6.099	26.2	0.115	584.599	20	20	11.9	0.274	538.789	28.0	0.173	213.303				6.1	0.001	6.099	26.2	0.115	584.599	20							
21	11.9	0.227	526.662	29.5	0.129	181.674					9.8	0.002	15.897	26.8	0.069	611.311	21	21	11.9	0.227	526.662	29.5	0.129	181.674				9.8	0.002	15.897	26.8	0.069	611.311	21							
22	11.9	0.236	514.226	31.7	0.101	160.003					9.1	0.003	24.994	25.6	0.090	636.821	22	22	11.9	0.236	514.226	31.7	0.101	160.003				9.1	0.003	24.994	25.6	0.090	636.821	22							
23	11.9	0.273	502.353	31.7	0.074	132.059					8.9	0.007	33.087	24.7	0.154	661.367	23	23	11.9	0.273	502.353	31.7	0.074	132.059				8.9	0.007	33.087	24.7	0.154	661.367	23							
24	11.9	0.236	490.217	31.7	0.053	88.348					9.5	0.009	43.378	24.7	0.156	685.911	24	24	11.9	0.236	490.217	31.7	0.053	88.348				9.5	0.009	43.378	24.7	0.156	685.911	24							
25	11.9	0.132	478.185	31.7	0.039	56.609					10.8	0.011	54.167	24.6	0.190	710.380	25	25	11.9	0.132	478.185	31.7	0.039	56.609				10.8	0.011	54.167	24.6	0.190	710.380	25							
26	11.9	0.198	466.087	31.7	0.015	24.894					11.6	0.006	65.751	24.9	0.096	735.124	26	26	11.9	0.198	466.087	31.7	0.015	24.894				11.6	0.006	65.751	24.9	0.096	735.124	26							
27	0.0	0.208	453.979	24.9		0.0					15.8	0.015	77.046	24.0	0.158	758.966	27	27	0.0	0.208	453.979	24.9		0.0				15.8	0.015	77.046	24.0	0.158	758.966	27							
28	0.0	0.209	441.870											23.1	0.062	782.001	28	28	0.0	0.209	441.870										23.1	0.062	782.001	28							
29	11.9	0.198	448.372											23.4	0.122	805.282	29	29	11.9	0.198	448.372										23.4	0.122	805.282	29							
30	17.9	0.233	446.959											23.7	0.061	829.222	30	30	17.9	0.233	446.959										23.7	0.061	829.222	30							
31	17.9	0.249	443.650											24.3	0.154	853.067	31	31	17.9	0.249	443.650										24.3	0.154	853.067	31							
TOTAL																						28.6					92.9					762.9					2.661				
APRIL 1979																						MAY 1979					JUNE 1979					JULY 1979									
1	31.7	0.093	884.674	35.5	0.408	1878.745					12.4	0.881	1966.324	31.5	0.608	1350.561	1	1	31.7	0.093	884.674	35.5	0.408	1878.745				12.4	0.881	1966.324	31.5	0.608	1350.561	1							
2	35.2	0.221	920.553	35.2	0.410	1914.855					13.9	0.847	1991.577	31.1	0.590	1318.971	2	2	35.2	0.221	920.553	35.2	0.410	1914.855				13.9	0.847	1991.577	31.1	0.590	1318.971	2							
3	37.4	0.226	1027.872	37.0	0.324	1993.264					13.9	0.758	1996.919	14.4	0.847	1348.947	3	3	37.4	0.226	1027.872	37.0	0.324	1993.264				13.9	0.758	1996.919	14.4	0.847	1348.947	3							
4	37.1	0.263	994.964	21.6	0.588	1972.316					13.9	0.667	1922.352	2.7	0.491	1300.856	4	4	37.1	0.263	994.964	21.6	0.588	1972.316				13.9	0.667	1922.352	2.7	0.491	1300.856	4							
5	35.8	0.267	1030.497	11.9	0.566	1931.650					13.9	0.712	1907.740	1.6	0.476	1286.780	5	5	35.8	0.267	1030.497	11.9	0.566	1931.650				13.9	0.712	1907.740	1.6	0.476	1286.780	5							
6	35.2	0.134	1065.563	10.7	0.505	1993.845					7.7	0.785	1899.255	0.4	1.1	1297.144	6	6	35.2	0.134	1065.563	10.7	0.505	1993.845				7.7	0.785	1899.255	0.4	1.1	1297.144	6							
7	35.2	0.204	1100.559	9.9	0.307	2003.438					4.0	0.654	1894.601		0.574	1296.970	7	7	35.2	0.204	1100.559	9.9	0.307	2003.438				4.0	0.654	1894.601		0.574	1296.970	7							
8	37.8	0.275	1137.484	3.7	0.227	2008.911					6.4	0.812	1887.389	0.9	0.640	1295.430	8	8	37.8	0.275	1137.484	3.7	0.227	2008.911				6.4	0.812	1887.389	0.9	0.640	1295.430	8							
9	35.3	0.209	1132.575	0.0	0.490	2006.422					7.9	0.812	1878.677	3.3	0.764	1294.966	9	9	35.3	0.209	1132.575	0.0	0.490	2006.422				7.9	0.812	1878.677	3.3	0.764	1294.966	9							
10	35.7	0.239	1208.036	0.0	0.600	2005.821					7.9	0.864	1869.913	0.4	0.644	1290.322	10	10	35.7	0.239	1208.036	0.0	0.600	2005.821				7.9	0.864	1869.913	0.4	0.644	1290.322	10							
11	33.8	0.215	1241.621		0.672	2005.140					7.9	0.970	1861.043	3.1	0.247	1286.675	11	11	33.8	0.215	1241.621		0.672	2005.140																	

Table C-38 (Cont'd)

MATHIAS DITCH COMPANY

DAY	JANUARY 1980					FEBRUARY 1980					MARCH 1980					APRIL 1980					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1			0.001		5.771			0.0		5.761					5.741				0.001		5.713	1
2			0.001		5.770			0.001		5.760					5.741				0.001		5.712	2
3			0.001		5.769			0.0		5.760				0.0	5.741				0.001		5.711	3
4			0.001		5.768					5.760				0.001	5.740				0.001		5.710	4
5			0.0		5.768					5.760					5.740				0.0		5.710	5
6			0.001		5.767			0.0		5.760					5.740				0.001		5.709	6
7			0.001		5.766			0.001		5.759				0.001	5.739				0.001		5.708	7
8			0.001		5.765			0.001		5.758				0.001	5.738				0.001		5.707	8
9			0.0		5.765					5.757				0.001	5.737				0.001		5.705	9
10			0.001		5.764			0.001		5.756				0.0	5.737				0.001		5.704	10
11			0.001		5.763			0.001		5.755				0.001	5.736				0.001		5.702	11
12			0.0		5.763			0.001		5.754				0.001	5.735				0.001		5.700	12
13					5.763			0.0		5.754				0.001	5.734				0.001		5.698	13
14					5.763					5.754				0.001	5.733				0.001		5.696	14
15					5.763					5.754				0.001	5.732				0.001		5.694	15
16					5.763			0.0		5.754				0.001	5.731				0.001		5.692	16
17					5.763			0.001		5.753				0.001	5.730				0.001		5.690	17
18					5.763			0.001		5.752				0.001	5.729				0.001		5.688	18
19					5.763			0.001		5.750				0.001	5.728				0.001		5.686	19
20					5.763			0.0		5.750				0.001	5.727				0.001		5.685	20
21					5.763			0.001		5.749				0.001	5.726				0.001		5.683	21
22					5.763			0.001		5.748				0.001	5.725				0.001		5.682	22
23					5.763			0.001		5.747				0.001	5.724				0.001		5.681	23
24					5.763			0.001		5.746				0.001	5.722				0.001		5.680	24
25					5.763			0.001		5.745				0.0	5.722				0.001		5.679	25
26					5.763			0.001		5.744				0.001	5.721				0.001		5.677	26
27		0.0			5.763			0.001		5.743				0.001	5.720				0.001		5.675	27
28		0.001			5.762			0.001		5.742				0.001	5.719				0.001		5.674	28
29		0.0			5.762			0.001		5.741				0.001	5.717				0.001		5.674	29
30		0.001			5.761					5.741				0.001	5.715				0.001		5.673	30
31		0.0			5.761					5.741				0.001	5.714				0.001		5.673	31
TOTAL			0.011					0.020						0.027					0.042			
DAY	MAY 1980					JUNE 1980					JULY 1980					AUGUST 1980					DAY	
1			0.001		5.672			0.002		5.624					958.000		15.0	0.378			682.047	1
2			0.002		5.670			0.002		5.622					958.000		15.0	0.389			665.758	2
3			0.002		5.668			0.002		5.620					958.000		15.0	0.361			649.477	3
4			0.002		5.666			0.002		5.618					958.000		15.0	0.321			633.276	4
5			0.002		5.664			0.002		5.616					958.000		15.0	0.320			617.056	5
6			0.002		5.662			0.002		5.614		9.9	0.330		947.770		15.9	0.320			600.836	6
7			0.002		5.660			0.002		5.612		15.9	0.326		931.544		15.9	0.307			584.629	7
8			0.002		5.658			0.002		5.610		15.9	0.322		915.322		15.9	0.307			568.422	8
9			0.0		5.658			0.002		5.608		15.9	0.293		899.129		15.9	0.329			552.193	9
10			0.001		5.657			0.002		5.606		6.0	0.305		892.824		17.2	0.325			534.668	10
11			0.001		5.656			0.002		5.604			0.332		892.492		16.6	0.310			517.758	11
12			0.001		5.655			0.002		5.602			0.309		892.183		17.2	0.295			500.263	12
13			0.001		5.654			0.002		5.600			0.376		891.807		17.9	0.281			482.082	13
14			0.001		5.653			0.002		5.598			0.352		891.455		17.9	0.218			463.964	14
15			0.002		5.651			0.002		5.596			0.395		891.060		19.1	0.181			444.683	15
16			0.002		5.649			0.002		5.594		0.0	0.426		890.634		23.5	0.139			420.984	16
17			0.002		5.647			0.002		5.592		6.2	0.360		884.074		25.8	0.202			394.982	17
18			0.003		5.644			0.002		5.590		9.9	0.359		873.815		25.8	0.182			369.000	18
19			0.003		5.641			0.002		5.588		9.9	0.359		863.556		25.8	0.141			343.059	19
20			0.002		5.639			0.002		5.586		9.9	0.427		853.229		25.8	0.171			317.088	20
21			0.002		5.637			0.002		5.584		9.9	0.494		842.835		25.8	0.151			291.137	21
22			0.001		5.636			0.002	4952.4	958.000		12.4	0.465		829.970		30.8	0.121			260.216	22
23			0.001		5.635			0.290		957.710		13.9	0.384		815.686		31.2	0.123			228.899	23
24			0.001		5.634			0.290		957.420		13.9	0.460		801.326		31.0	0.127			197.766	24
25			0.002		5.632			0.289	40.9	958.000		13.9	0.288		787.138		33.0	0.108			164.658	25
26			0.001		5.631					958.000		13.9	0.418		772.820		43.6	0.069			120.959	26
27			0.001		5.630					958.000		13.9	0.417		758.503		48.4	0.044			72.545	27
28			0.001		5.629					958.000		13.9	0.442		744.161		48.9	0.016			23.629	28
29			0.001		5.628					958.000		13.9	0.389		729.872		23.6	0.0			0.0	30
30			0.001		5.627					958.000		15.9	0.221		714.951		0.0				0.0	30
31			0.001		5.626					958.000		15.9	0.326		698.325						0.0	31
TOTAL			0.047					0.913	4953.3 <sup>b</sup>			250.1	9.575				692.0	6.296				
DAY	FOOTNOTES																					DAY
1	a. All water released to Wuchamm Water Company for transfer.																					1
2	b. Released because Terminus Reservoir above allowable storage.																					2
3	c. Storage adjusted to maximum allowable.																					3
4																						4
5																						5
6																						6
7																						7
8																						8
9																						9
10																						10
11																						11
12																						12
13																						13
14																						14
15																						15
16																						16
17																						17
18																						18
19																						19
20																						20
21																						21
22																						22
23																						23
24																						24
25																						25
26																						26
27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL																						TOTAL

Table C-39

JERRING DITCH COMPANY

DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1						32.5	0.004			34.996	30.3	0.332			1135.264	69.8	0.965			2330.649	1
2						51.5	0.011			86.485	30.5	0.420			1165.344	75.3	0.967			2504.982	2
3						47.0	0.016			133.469	29.8	0.295			1198.889	74.7	1.081			2478.601	3
4						27.5	0.019			160.950	34.7	0.086			1229.503	75.3	1.085			2652.816	4
5						16.6	0.061			177.489	25.3	0.173			1254.630	77.3	0.876			2729.240	5
6						9.7	0.042			187.147	11.7	0.432			1268.867	60.4	0.773			2788.677	6
7						4.7	0.064			191.783	5.5	0.392			1271.056	60.4	1.107			2837.360	7
8						8.9	0.066			200.617	29.9	0.284			1320.692	49.6	1.441			2885.519	8
9						13.1	0.083			217.698	67.3	0.274			1397.718	66.5	1.444			2950.575	9
10						13.9	0.084			227.570	24.6	0.280			1449.038	77.8	1.342			3027.033	10
11						12.6	0.085			240.145	41.7	0.189			1490.459	76.7	1.292			3102.501	11
12						9.4	0.077			249.468	43.2	0.288			1533.461	69.5	1.894			3170.107	12
13						10.4	0.079			259.789	48.9	0.335			1582.026	66.0	2.094			3234.013	13
14						19.3	0.083			279.006	36.0	0.395			1671.631	66.1	1.967			3298.146	14
15						50.5	0.097			329.409	50.6	0.392			1667.929	69.5	1.748			3365.828	15
16						68.8	0.152			398.057	43.9	0.613			1712.216	73.1	1.750			3437.248	16
17						59.9	0.213			457.744	21.8	0.613			1732.403	75.2	1.651			3510.797	17
18						47.1	0.138			504.706	23.3	0.513			1755.290	78.6	1.443			3587.954	18
19						60.2	0.202			564.704	33.2	0.729			1807.661	80.1	1.460			3666.594	19
20						47.5	0.215			611.989	59.0	0.737			1865.934	80.1	1.472			3745.222	20
21						38.7	0.225			650.464	51.1	0.740			1916.284	81.1	1.604			3826.718	21
22						59.6	0.181			729.883	49.7	0.739			1965.245	85.7	1.393			3911.025	22
23						52.5	0.191			762.192	49.6	0.705			2011.140	86.1	1.643			3999.482	23
24						46.6	0.265			808.586	49.6	0.846			2062.294	84.6	1.546			4078.536	24
25						65.0	0.211			873.315	49.6	0.951			2111.543	84.8	1.803			4161.533	25
26						71.8	0.375			944.740	49.6	0.953			2160.190	81.2	2.185			4240.548	26
27						62.1	0.158			1006.682	49.6	0.959			2208.831	88.0	2.459			4326.089	27
28						44.3	0.384			1040.688	50.5	0.865			2258.866	93.6	1.870			4417.819	28
29		2.5	0.0		2.5	19.3	0.382			1062.576	50.1	0.967			2307.499	86.7	1.870			4502.627	29
30						15.6	0.488			1081.688	55.3	0.985			2361.814	73.9	1.656			4572.871	30
31						24.1	0.492			1105.296						49.4	1.793			4600.478	31
TOTAL	2.5	0.0				1107.7		4.904			1272.9		16.382			2306.3		47.636			TOTAL
DAY	JUNE 1976					JULY 1976					FEBRUARY 1977					MARCH 1977					DAY
1	26.0	2.049			4644.429	145.8	1.170			1963.290	1.170	0.003				0.003				13.872	1
2	9.2	1.787			4631.842	150.1	1.264			1809.986	1.264	0.005				0.005				13.867	2
3	1.5	1.950			4631.439	151.3	1.058			1657.588	1.058	0.005				0.005				13.862	3
4	0.0	2.149			4649.909	151.3	1.106			1505.182	1.106	0.005				0.005				13.857	4
5		2.022			4647.268	151.3	1.036			1352.846	1.036	0.005				0.005				13.852	5
6		1.896			4645.372	151.3	0.874			1200.672	0.874	0.008				0.008				13.844	6
7		1.644			4643.728	151.3	0.786			1048.586	0.786	0.007				0.007				13.837	7
8		1.398			4642.330	151.3	0.692			896.594	0.692	0.005				0.005				13.832	8
9	90.0	1.589			4550.604	151.3	0.553			744.751	0.553	0.002				0.002				13.825	9
10	143.9	0.753			4406.146	151.3	0.519			592.922	0.519	0.005				0.005				13.825	10
11	127.7	1.489			4276.963	151.3	0.373			441.249	0.373	0.005				0.005				13.820	11
12	109.5	1.836			4165.627	151.3	0.236			289.713	0.236	0.005				0.005				13.815	12
13	87.0	1.953			4076.674	151.3	0.129			135.288	0.129	0.005				0.005				13.810	13
14	108.4	2.278			3965.996	138.288				0.0		0.005				0.005				13.805	14
15	127.2	2.591			3836.205							0.005				0.005				13.800	15
16	126.7	2.359			3707.146							0.002				0.002				13.798	16
17	123.1	1.986			3582.060							0.005				0.005				13.793	17
18	121.1	2.239			3458.721							0.003				0.003				13.790	18
19	113.1	1.795			3333.863							0.005				0.005				13.785	19
20	114.4	1.835			3217.628							0.005				0.005				13.780	20
21	108.8	1.807			3107.621							0.006				0.006				13.774	21
22	107.6	1.776			2998.245						8.7	0.002			6.698	0.002				13.766	22
23	109.3	1.919			2887.026						5.2	0.002			13.896	0.006				13.760	23
24	106.9	1.928			2778.208						0.0	0.002			13.894	0.004				13.756	24
25	101.5	1.788			2674.980							0.005			13.889	0.005				13.755	25
26		99.6	1.852		2573.468							0.005			13.884	0.006				13.749	26
27		103.3	2.201		2467.967							0.004			13.880	0.004				13.746	27
28		104.3	1.874		2361.793							0.005			13.875	0.004				13.739	28
29		115.8	1.732		2264.663											0.007				13.729	29
30		134.6	1.401		2108.260											0.004				13.725	30
31																0.006				13.719	31
TOTAL	36.7	2493.2	55.718			2098.488	9.772				13.9		0.025			0.156					TOTAL
DAY	APRIL 1977					MAY 1977					JUNE 1977					JULY 1977					DAY
1			0.006		13.713	51.1	0.518			1388.412	1.694	0.002			2628.311	0.0	2.082			3312.663	1
2			0.007		13.706	25.8	0.520			1413.698	49.9	1.571			2676.840	51.6	2.382			3250.736	2
3			0.007		13.699	17.4	0.694			1430.398	52.8	1.586			2728.054	82.5	2.176			3174.060	3
4		0.0	0.008		13.691	6.0	0.691			1435.707	53.9	1.697			2689.257	82.5	1.914			3089.646	4
5			0.008		13.683	0.0	0.599			1435.108	59.1	1.388			2637.969	82.5	1.891			3005.255	5
6		1.2	0.010		14.873	0.508	0.508			1434.600	70.7	1.513			2607.156	48.6	2.062			2954.647	6
7		46.7	0.041		61.532	0.336	0.336			1434.264	83.3	1.872			2689.584	28.2	2.299			2904.188	7
8		77.2	0.065		138.667	0.166	0.166			1434.098	73.3	1.225			3060.698	28.2	2.039			2893.952	8
9		79.5	0.060		218.107	0.165	0.165			1433.933	56.7	0.378			3117.025	35.0	2.170			2856.782	9
10		39.8	0.116		297.791	0.0	0.357			1344.606	52.0	0.881			3168.144	32.8	2.047			2801.935	10
11		20.8	0.148		278.443	14.9	0.245			1446.261	63.8	1.335			3230.609	60.9	2.039			2738.996	11
12		26.3	0.185		304.958	12.6	0.296			1460.535	48.8	1.46									

Table C-39 (Cont'd)

JENNINGS DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																									
																						AUGUST 1977					SEPTEMBER 1977					OCTOBER 1977					NOVEMBER 1977									
1	61.0	1.690	1573.171		0.045					37.526					0.031					35.403						0.016													35.510	1						
2	61.0	1.649	1710.309		0.041					37.485					0.039						35.364						0.024													35.486	2					
3	73.0	1.496	1436.033		0.047					37.438					0.046						36.318					0.024														35.462	3					
4	100.3	1.105	1334.626		0.048					37.390					0.039						36.279					0.008														35.454	4					
5	114.1	1.150	1219.378		0.054					37.336					0.031						36.248					0.008														35.446	5					
6		0.977	1103.301		0.055					37.281					0.016						36.232					0.016														35.430	6					
7	115.1	0.723	987.478		0.056					37.225					0.031						36.201					0.015															35.414	7				
8	111.2	0.809	875.449		0.056					37.169					0.031						36.170					0.016															35.398	8				
9	108.7	0.751	765.998		0.057					37.112					0.031						36.139					0.016															35.382	9				
10	104.4	0.738	660.860		0.051					37.061					0.031						36.108					0.016															35.366	10				
11	96.4	0.591	563.869		0.039					37.022					0.039						36.069					0.023															35.343	11				
12	88.2	0.515	475.154		0.033					36.989					0.039						36.030					0.015																34.328	12			
13	70.6	0.454	404.100		0.033					36.996					0.038						35.998					0.008																35.320	13			
14	51.1	0.359	305.143		0.035					36.981					0.035						35.980					0.015																35.305	14			
15	37.6	0.257	204.195		0.029					36.892					0.040						35.918					0.015																35.290	15			
16	112.3	0.046	91.849		0.014					36.878					0.040						35.878					0.015																35.275	16			
17	105.1	0.005	40.744		0.036					36.842					0.032						35.846					0.015																35.260	17			
18	2.6	0.021	38.123		0.029					36.813					0.032						35.814					0.015																35.245	18			
19	0.0	0.043	38.080		0.022					36.791					0.024						35.790					0.023																35.222	19			
20		0.043	36.937		0.029					36.762					0.024						35.766					0.008																35.214	20			
21		0.043	37.994		0.029					36.733					0.024						35.742					0.008																35.206	21			
22		0.048	37.946		0.037					36.696					0.024						35.718					0.007																35.199	22			
23		0.043	37.903		0.044					36.658					0.024						35.694					0.007																35.192	23			
24		0.048	37.855		0.037					36.615					0.024						35.670					0.007																35.185	24			
25		0.038	37.817		0.030					36.585					0.024						35.646					0.007																35.178	25			
26		0.033	37.784		0.030					36.555					0.024						35.622					0.007																35.171	26			
27		0.038	37.746		0.030					36.525					0.024						35.598					0.007																35.164	27			
28		0.044	37.702		0.030					36.499					0.016						35.582					0.007																35.157	28			
29		0.045	37.657		0.031					36.464					0.007						35.556					0.007																35.150	29			
30		0.045	37.612		0.030					36.434					0.016						35.542					0.007																35.143	30			
31		0.040	37.572												0.016						35.526																					35.137	31			
TOTAL	1584.4	13.849			1.138									0.908											0.993																			TOTAL		
DAY	DECEMBER 1977					JUNE 1978					JULY 1978					AUGUST 1978					DAY																									
1		0.007	35.135		0.399					1195.154					0.656					1181.697					1181.697																				1	
2		0.007	35.129		0.378					1195.176					0.679					1181.018					1181.018																					2
3		0.007	35.122		0.412					1194.764					0.706					1180.312					1180.312																					3
4		0.007	35.115		0.411					1194.353	0.0				0.711					1179.801					1179.801																				4	
5		0.007	35.108		0.410					1193.143	1.2				0.765					1179.096					1179.096																				5	
6		0.007	35.101		0.446					1195.397	0.7				1.003					1173.033					1173.033																			6		
7		0.007	35.094		0.484					1194.913	0.0				0.892					1171.201					1171.201																			7		
8		0.007	35.087		0.485					1194.408					0.645					1170.556					1170.556																			8		
9		0.007	35.080		0.514					1193.887					0.721					1170.635					1170.635																			9		
10		0.007	35.073		0.525					1193.362					0.805					1170.090					1170.090																			10		
11		0.014	35.066		0.439					1192.923					0.677					1174.353					1174.353																		11			
12		0.0	35.059		0.420					1192.503					0.722					1173.631					1173.631																		12			
13		0.007	35.052		0.506					1191.997					0.770					1172.861					1172.861																		13			
14		0.007	35.045		0.473					1191.524					0.758					1172.093					1172.093																		14			
15		0.007	35.038		0.478					1191.046					0.884					1171.209					1171.209																		15			
16		0.007	35.031		0.503					1190.543					0.787					1170.421					1170.421																		16			
17		0.005	35.025		0.519					1189.994					0.893					1169.481					1169.481																		17			
18		0.005	35.020		0.578				</																																					

Table C-39 (Cont'd)

JENNINGS DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
																						MAY 1979
1	52.1		0.682		3133.157	0.0		0.876		1954.892		32.0 <sup>c</sup>	0.838		1860.490		429.9 <sup>f</sup>	0.620		586.407	1	
2	53.6		0.684		3196.073	11.2		0.853		1965.239		22.8 <sup>g</sup>	0.739		1836.951		438.2 <sup>f</sup>	0.160	+16.2	164.264	2	
3	53.6		0.884		3248.789	17.9		0.775		1982.364	29.3		0.698		1865.559		164.3			0.0	3	
4	41.2		0.980		3289.009	17.8		0.694		1959.470	66.5		0.728		1925.333						4	
5	33.7		0.947		3323.762	19.1		0.753		2027.817	63.5		0.729		1990.104						5	
6	15.1		0.844		3336.018	36.4		0.849		2055.368	70.8		0.811		2060.053						6	
7	4.0		0.511		3339.507	48.4		0.726		2103.042	60.8		0.937		2119.916						7	
8	4.0		0.378		3343.129	27.8		0.926		2129.926	58.6		1.076		2177.440						8	
9	4.0		0.817		3346.312	15.9		0.927		2134.899	53.3		1.318		2229.422						9	
10	28.8		1.009		3374.103	15.9		0.998		2159.861	65.1		1.145		2293.377						10	
11	43.6		1.145		3416.558	15.6		1.133		2174.468	60.6		1.000		2352.977						11	
12	43.6		1.405		3458.753	15.9		0.931		2189.437	57.5		1.222		2409.255						12	
13	43.6		1.527		3500.826	13.4		0.789		2202.048	57.6		1.404		2465.451						13	
14	43.6		1.701		3542.845	9.4		0.739		2210.709	74.5		1.493		2538.458						14	
15	43.6		1.316		3585.129	6.7		0.721		2221.688	60.5		1.708		2597.250						15	
16	43.6		1.118		3627.611	5.9		0.765		2221.823	54.7		1.944		2650.006						16	
17	43.6		1.292		3669.919	6.0		0.608		2227.215	71.6		1.777		2719.829						17	
18	43.6		1.214		3712.305	3.5		0.787		2229.928	66.3		1.814		2784.315						18	
19	43.6		1.254		3754.651	0.7	0.0	0.799		2229.829	68.2		2.105		2850.410						19	
20	43.6		1.234		3797.027	0.0	17.4	0.799		2231.622	58.6		1.167		2907.843						20	
21	43.6		0.922		3839.695	27.8		0.869		2182.932	69.6		1.346		2976.397						21	
22	16.4		0.906		3855.189	27.8		0.731		2154.422	64.3		1.953		3038.742						22	
23	0.0		0.948		3894.241	28.5		0.754		2127.157	59.9		1.875		3096.767						23	
24			1.268		3852.973	27.0		0.867		2099.290	52.8		2.368		3147.199						24	
25			1.314		3851.659	29.0		0.828		2069.462		237.7 <sup>d</sup>	2.197		2907.302						25	
26		280.2	1.307		3570.152	32.2		0.721		2036.541		234.6 <sup>d</sup>	2.026		2670.676						26	
27		473.2	0.948		3096.004	35.0		0.785		2000.756		254.8 <sup>d</sup>	1.621		2414.255						27	
28		444.7	0.734		2650.570	34.5		0.782		1965.475		332.4 <sup>d</sup>	1.988		2080.573						28	
29		392.6	0.708		2319.262	35.0		0.739		1909.767		342.9 <sup>d</sup>	1.578		1786.095						29	
30		265.4	0.713		2093.149	35.7		0.739		1893.328		335.9 <sup>d</sup>	1.203		1398.992						30	
31		96.7	0.681		1955.768							381.0 <sup>d</sup>	1.065		1016.927						31	
<b>TOTAL</b>	<b>786.1</b>	<b>1890.8<sup>h</sup></b>	<b>31.271</b>			<b>269.7</b>	<b>327.9<sup>a</sup></b>	<b>24.240</b>			<b>1390.9</b>	<b>2173.8</b>	<b>43.501</b>			<b>1092.4</b>	<b>0.780</b>	<b>+16.2<sup>d</sup></b>		<b>TOTAL</b>		
DAY	JUNE 1980					JULY 1980					AUGUST 1980					FOOTNOTES					DAY	
1										1041.000	35.7		0.537		969.202	a	All water released to Mutchuana Water Company for transfer.					1
2										1041.000	34.5		0.586		1003.116	b	Released because Terminus Reservoir above allowable storage.					2
3										1041.000	33.7		0.575		1036.241	c	Released for diversion in Goshen Ditch.					3
4									0.0	1041.000	36.0		0.541		1065.700	d	Released for diversion in Mdoc Ditch.					4
5										1041.000	27.8		0.568	-1000.0	92.932	e	All releases for the month were diverted into Goshen Ditch.					5
6										1040.638	27.8		0.064		120.668	f	Transferred from Kaweah Delta Water Conservation District.					6
7					11.2 <sup>c</sup>	0.362		0.360		1029.078	27.8		0.078		148.590	g	Storage adjusted to maximum allowable.					7
8					17.9 <sup>c</sup>	0.356		0.325		1020.822	27.8		0.095		176.095	h	Transferred to Goshen Ditch.					8
9					14.1 <sup>e</sup>	0.389		0.349		996.397	27.8		0.122		203.773						9	
10					25.3	0.349		0.349		1021.348	27.8		0.141		231.432						10	
11					47.7	0.398		0.398		1068.650	27.8		0.155		259.077						11	
12					47.7	0.396		0.396		1115.964	27.8		0.169		286.708						12	
13					47.7	0.490		0.490		1213.174	27.8		0.183		314.325						13	
14					47.7	0.478		0.478		1210.996	27.8		0.161		341.964						14	
15					47.7	0.557		0.557		1227.539	24.0		0.149		365.815						15	
16					47.7	0.624		0.624		1304.615	14.4		0.179		380.036						16	
17					47.7	0.550		0.550		1351.765	8.7		0.199		388.537						17	
18					47.7	0.575		0.575		1398.890	5.5		0.194		393.843						18	
19					47.7	0.602		0.602		1445.988	6.5		0.165		400.178						19	
20					46.4	0.746		0.746		1492.642	8.0		0.220	-300.0	107.958						20	
21					45.6	0.901		0.901		1536.341	8.0		0.060		114.898						21	
22		0.315	+1041.0		1040.685	46.9		0.887		1582.554	3.0		0.095		118.843						22	
23		0.315	+0.9		1040.370	43.1		0.385	-1000.0	687.988	8.0		0.064	-100.0	18.779						23	
24		0.314			1041.000	40.4		0.260		670.703			0.012		18.767						24	
25					1041.000	39.7		0.406		750.137			0.012	-18.8	0.0						25	
26					1041.000	38.5		0.434		788.203											26	
27					1041.000	36.9		0.490		826.613											27	
28					1041.000	37.2		0.460		861.353											28	
29					1041.000	35.7		0.278		898.775											29	
30					1041.000	35.7		0.436		934.039											30	
31																					31	
<b>TOTAL</b>	<b>0.944</b>	<b>+1041.9<sup>c</sup></b>				<b>949.1</b>	<b>43.2</b>	<b>12.861</b>	<b>-1000.0<sup>f</sup></b>		<b>490.0</b>	<b>5.284</b>	<b>-1418.8<sup>g</sup></b>							<b>TOTAL</b>		

Table C-40

UPHILL DITCH COMPANY

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
OCTOBER 1975						NOVEMBER 1975						DECEMBER 1975						JANUARY 1976					
1						0.003				21.761			0.003		21.606					0.003		21.513	1
2						0.006				21.755			0.003		21.603					0.003		21.510	2
3						0.009				21.746			0.003		21.600					0.003		21.507	3
4						0.009				21.737			0.006		21.594					0.003		21.504	4
5						0.003				21.736			0.006		21.588					0.003		21.501	5
6						0.0				21.734			0.003		21.585					0.003		21.498	6
7						0.003				21.731			0.003		21.582					0.003		21.495	7
8						0.0				21.731			0.003		21.579					0.003		21.492	8
9						0.003				21.728			0.003		21.576					0.003		21.489	9
10						0.003				21.725			0.003		21.573					0.003		21.486	10
11	6.2		0.002		6.198	0.006				21.719			0.003		21.570					0.0		21.486	11
12	6.2		0.007		12.391	0.009				21.710			0.0		21.570					0.003		21.483	12
13	1.5		0.007		13.894	0.009				21.702			0.003		21.567					0.003		21.480	13
14	0.0		0.007		13.877	0.013				21.688			0.003		21.564					0.003		21.477	14
15			0.009		13.868	0.013				21.675			0.003		21.564					0.003		21.477	15
16			0.007		13.861	0.006				21.669			0.003		21.561					0.007		21.470	16
17			0.007		13.854	0.003				21.666			0.003		21.558					0.007		21.463	17
18			0.004		13.850	0.006				21.660			0.003		21.555					0.007		21.466	18
19			0.003		13.846	0.005				21.654			0.006		21.549					0.003		21.459	19
20			0.009		13.837	0.006				21.648			0.003		21.546					0.007		21.446	20
21			0.005		13.828	0.005				21.642			0.006		21.540					0.007		21.439	21
22			0.007		13.821	0.006				21.636			0.003		21.537					0.007		21.432	22
23			0.007		13.814	0.006				21.630			0.0		21.537					0.007		21.425	23
24			0.007		13.807	0.003				21.627			0.003		21.534					0.004		21.421	24
25			0.007		13.800	0.006				21.621			0.003		21.531					0.004		21.417	25
26	0.0		0.002		13.798	0.006				21.615			0.003		21.528					0.007		21.410	26
27	5.0		0.006		18.792	0.003				21.612			0.0		21.528					0.007		21.403	27
28	3.0		0.006		21.786	0.0				21.612			0.003		21.525					0.007		21.396	28
29	0.0		0.013		21.773	0.0				21.612			0.003		21.522					0.006		21.388	29
30			0.003		21.770	0.003				21.609			0.003		21.519					0.006		21.380	30
31			0.006		21.764	0.003				21.603			0.003		21.516					0.006		21.372	31
<b>TOTAL</b>	<b>21.9</b>		<b>0.136</b>			<b>0.155</b>							<b>0.093</b>							<b>0.144</b>		<b>TOTAL</b>	
FEBRUARY 1976						MARCH 1976						APRIL 1976						MAY 1976					
1			0.008		21.364	33.3		0.007		54.543			0.058		197.489	76.6			0.361		898.260	1	
2			0.008		21.356	43.1		0.012		97.631			0.071		197.418	85.0			0.368		942.896	2	
3			0.008		21.348	13.8		0.013		111.418			0.042		197.395	82.0			0.409		1,028.457	3	
4			0.0		21.348	0.0		0.013		111.409			0.014		197.352	78.6			0.451		1,102.616	4	
5			0.004		21.344			0.033		111.367			0.027		197.335	62.1			0.374		1,108.342	5	
6			0.004		21.340			0.025		111.342			0.067		197.268	55.6			0.338		1,219.604	6	
7			0.0		21.340			0.037		111.305	0.0		0.053		197.215	57.3			0.498		1,276.406	7	
8			0.0		21.340			0.037		111.268	5.0		0.040		202.175	57.3			0.666		1,333.040	8	
9			0.0		21.340			0.012		111.256	3.0		0.040		205.135	68.7			0.695		1,402.055	9	
10			0.004		21.336			0.012		111.244	6.0		0.040		205.095	61.2			0.643		1,461.507	10	
11			0.004		21.332			0.012		111.232			0.066		205.069	73.7			0.610		1,534.697	11	
12			0.004		21.328			0.034		111.198			0.039		205.030	77.6			0.563		1,611.594	12	
13			0.004		21.324			0.028		111.164			0.043		204.987	73.5			1.090		1,663.744	13	
14			0.004		21.320			0.050		111.131			0.037		204.937	74.3			1.048		1,756.996	14	
15			0.003		21.317	0.0		0.033		111.098			0.037		204.900	78.2			0.952		1,834.244	15	
16			0.003		21.314	3.7		0.044		111.754			0.073		204.827	83.0			0.976		1,934.268	16	
17			0.003		21.311	21.0		0.063		135.691			0.073		204.754	80.4			0.938		1,995.730	17	
18			0.007		21.304	26.6		0.044		162.247			0.060		204.694	56.4			0.825		2,051.305	18	
19			0.003		21.301	14.2		0.053		176.394	0.0		0.052		204.612	43.4			0.834		2,093.871	19	
20			0.003		21.298	3.0		0.063		179.321	29.1		0.092		233.620	43.4			0.840		2,136.431	20	
21			0.006		21.292	0.0		0.062		179.259	49.0		0.109		282.511	44.8			0.914		2,180.317	21	
22			0.006		21.286			0.046		179.213	54.7		0.127		337.084	30.8			0.787		2,220.330	22	
23			0.006		21.280			0.045		179.168	57.3		0.138		394.246	21.8			0.917		2,261.213	23	
24			0.006		21.274			0.059		179.109	57.3		0.185		451.361	14.0			0.851		2,284.362	24	
25			0.003		21.271	6.8		0.045		185.864	57.3		0.229		508.432	3.5			0.973		2,266.889	25	
26			0.006		21.265	9.1		0.077		194.887	57.3		0.249		565.483	7.4			1.161		2,293.128	26	
27			0.006		21.259	0.0		0.031		197.856	53.5		0.269		614.714	11.3			1.286		2,263.142	27	
28			0.006		21.253	0.0		0.061		197.795	49.2		0.285		667.629	10.9			0.955		2,267.624	28	
29			0.003		21.250			0.071		197.724	53.8		0.302		721.127	4.1			0.956		2,272.284	29	
30								0.089		197.635	61.2		0.326		782.001	0.0			0.884		2,275.400	30	
31								0.088		197.547										0.883		2,274.517	31
<b>TOTAL</b>			<b>0.122</b>			<b>177.6</b>		<b>1.303</b>			<b>587.7</b>		<b>3.246</b>			<b>1516.9</b>							



Table C-40 (Cont'd)

UPHILL DITCH COMPANY

DAY	JANUARY 1977					FEBRUARY 1977					MARCH 1977					APRIL 1977					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1			0.017		97.008			0.015		96.569			0.004		95.756			0.039		94.670	1
2			0.023		96.989			0.015		96.554			0.036		95.720			1.9	0.064	96.238	2
3			0.016		96.973			0.030		96.524			0.036		95.684			0.048		94.574	3
4			0.016		96.937			0.030		96.494			0.035		95.649			0.057		94.517	4
5			0.016		96.901			0.029		96.465			0.035		95.614			0.056		94.461	5
6			0.016		96.905			0.015		96.450			0.039		95.555			0.0	0.065	94.396	6
7			0.016		96.889			0.029		96.421			0.047		95.508			13.5	0.051	109.681	7
8			0.016		96.873			0.014		96.398			0.035		95.473			9.3	0.032	118.949	8
9			0.0		96.857			0.014		96.378			0.034		95.448			1.1	0.054	119.999	9
10			0.0		96.857			0.028		96.350			0.034		95.428			0.0	0.054	119.999	10
11			0.016		96.841			0.028		96.322			0.034		95.394			0.0	0.064	119.931	11
12			0.016		96.825			0.028		96.294			0.034		95.360			0.0	0.073	119.858	12
13			0.016		96.809			0.028		96.266			0.033		95.327			0.0	0.073	119.797	13
14			0.0		96.805			0.041		96.225			0.033		95.294			0.0	0.070	119.727	14
15			0.0		96.805			0.041		96.184			0.033		95.261			12.4	0.087	132.040	15
16			0.015		96.794			0.041		96.143			0.033		95.250			38.6	0.095	170.545	16
17			0.015		96.779			0.041		96.108			0.032		95.218			52.4	0.120	222.825	17
18			0.015		96.764			0.054		96.048			0.022		95.196			50.2	0.164	272.861	18
19			0.015		96.749			0.053		95.993			0.032		95.164			21.7	0.196	294.365	19
20			0.015		96.734			0.067		95.968			0.032		95.132			2.2	0.216	296.349	20
21			0.015		96.719			0.0		95.968			0.042		95.090			0.0	0.191	296.158	21
22			0.015		96.704			0.026		95.942			0.052		95.098			0.0	0.168	295.990	22
23			0.015		96.689			0.013		95.929			0.041		94.997			0.0	0.206	295.798	23
24			0.015		96.674			0.013		95.916			0.031		94.966			0.0	0.142	295.642	24
25			0.0		96.674			0.037		95.879			0.040		94.956			0.0	0.160	295.482	25
26			0.015		96.659			0.037		95.842			0.040		94.916			2.5	0.119	297.863	26
27			0.015		96.644			0.025		95.817			0.090		94.866			2.7	0.138	300.425	27
28			0.015		96.629			0.037		95.780			0.040		94.826			2.6	0.157	302.868	28
29			0.015		96.614			0.049		95.743			0.049		94.777			3.6	0.137	306.331	29
30			0.015		96.599			0.029		95.709			0.029		94.748			1.5	0.058	307.773	30
31			0.015		96.584								0.079		94.709						31
TOTAL			0.435					0.604					1.079				216.2	3.136			TOTAL
DAY	MAY 1977					JUNE 1977					JULY 1977					AUGUST 1977					DAY
1			0.115		307.658	67.0		0.465		720.840	13.9		0.836		1929.737			13.9	0.878	836.817	1
2			0.113		307.545	79.7		0.410		800.130	13.9		0.938		1314.899			13.9	0.894	822.053	2
3			0.119		307.396	80.3		0.512		879.918	13.9		0.891		1300.108			13.9	0.841	807.312	3
4			0.118		307.248	83.2		0.588		968.530	13.9		0.796		1285.412			13.9	0.793	792.619	4
5			0.128		307.120	72.8		0.506		1034.884	13.9		0.800		1270.712			13.9	0.734	777.985	5
6			0.109		307.011	51.1		0.565		1085.359	13.9		0.893		1255.999			13.9	0.676	763.409	6
7			0.072		306.935	19.6		0.698		1104.257	13.9		0.959		1241.100			13.9	0.755	749.960	7
8			0.056		306.903	35.5		0.457		1142.310	13.9		0.858		1224.942			13.9	0.699	734.365	8
9			0.035		306.863	76.0		0.130		1218.180	25.8		0.906		1138.236			13.9	0.705	719.760	9
10			0.070		306.798	82.0		0.361		1299.819	25.8		0.851		1165.585			13.9	0.789	705.073	10
11			0.052		306.746	62.2		0.563		1361.456	18.3		0.854		1146.431			13.9	0.724	690.449	11
12			0.068		306.678	19.5		0.613		1380.343	13.9		0.909		1131.622			13.9	0.732	675.817	12
13			0.094		306.644	0.0		0.609		1379.734	13.9		0.904		1116.808			13.9	0.743	661.174	13
14			0.096		306.560			0.626		1379.128	13.9		0.900		1101.988			13.9	0.795	646.515	14
15			0.149		306.411			0.696		1378.432	13.9		0.927		1087.161			13.9	0.765	631.853	15
16			0.111		306.297	0.648		0.648		1377.784	13.9		0.874		1072.587			13.9	0.811	617.642	16
17			0.161		306.136	0.738		0.738		1377.046	13.9		0.889		1057.798			13.9	0.079	603.663	17
18			0.112		306.024	0.646		0.646		1376.400	13.9		0.845		1043.053			13.9	0.319	589.444	18
19			0.142		305.882	0.644		0.644		1375.756	13.9		0.799		1028.354			13.9	0.643	574.901	19
20			0.156		305.766	0.554		0.554		1375.202	13.9		0.808		1013.646			13.9	0.628	560.373	20
21			0.183		333.295	0.743		0.743		1374.459	13.9		0.816		998.930			13.9	0.613	545.860	21
22			0.148		333.295	0.884		0.884		1373.575	13.9		0.880		984.150			13.9	0.674	531.286	22
23			0.108		426.593	0.887		0.887		1372.688	13.9		0.778		969.472			13.9	0.585	516.801	23
24			0.189		460.254	0.799		0.799		1371.889	13.9		0.788		954.784			13.9	0.643	502.258	24
25			0.196		470.168	0.803		0.803		1371.086	13.9		0.797		940.087			13.9	0.489	487.869	25
26			0.194		470.874	0.856		0.856		1370.230	13.9		0.864		925.323			13.9	0.410	473.559	26
27			0.290		482.257	0.913		0.913		1369.317	13.9		0.798		910.665			13.9	0.467	459.192	27
28			0.250		514.907	0.727		0.727		1368.590	13.9		0.827		895.938			13.9	0.522	444.770	28
29			0.138		559.969	6.7		0.684		1359.206	13.9		0.899		881.159			13.9	0.511	430.359	29
30			0.359		607.010	13.9		0.833		1344.473	13.9		0.973		866.266			13.9	0.656	415.960	30
31			0.405		694.305						13.9		0.741		851.625			13.9	0.426	401.634	31
TOTAL	351.1		4.568			731.9	22.6 <sup>a</sup>	19.132			466.5 <sup>b</sup>	26.348			430.9 <sup>c</sup>	19.091				TOTAL	
DAY	SEPTEMBER 1977					OCTOBER 1977					NOVEMBER 1977					DECEMBER 1977					DAY
1			13.9		387.258															1706.935	1
2			13.9		372.959															1706.396	2
3			13.9		358.600															1705.807	3
4			13.9		344.260															1705.220	4
5			13.9		329.879															1704.635	5
6			13.9		315.533															1704.099	6
7			13.9		301.164															1687.215	7
8			13.9		286.832															1650.740	8
9			13.9		272.516															1634.199	9
10			13.9		258.261															1607.691	10
11			13.9		244.106															1593.704	11
12			13.9		230.003															1580.947	12
13			36.2		193.628																



Table C-40 (Cont'd)

UPMILL DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY			
																						MARCH 1980		
1			0.001		9.640			0.002		9.592					9.523					0.003	9.440	1		
2			0.001		9.639			0.002		9.590					9.520					0.003	9.437	2		
3			0.001		9.638			0.003		9.587					9.517					0.003	9.434	3		
4			0.001		9.637			0.001		9.586					9.513					0.003	9.431	4		
5			0.001		9.636			0.0		9.586					9.510					0.003	9.428	5		
6			0.001		9.635			0.002		9.584					9.507					0.003	9.425	6		
7			0.002		9.633			0.002		9.582					9.504					0.003	9.422	7		
8			0.002		9.631			0.002		9.580					9.501					0.003	9.419	8		
9			0.002		9.629			0.003		9.577					9.501					0.003	9.416	9		
10			0.001		9.628			0.002		9.575					9.499					0.003	9.413	10		
11			0.001		9.627			0.003		9.572					9.497					0.003	9.410	11		
12			0.001		9.626			0.004		9.568					9.495					0.003	9.407	12		
13			0.001		9.625			0.004		9.564					9.493					0.003	9.404	13		
14			0.001		9.624			0.003		9.561					9.491					0.003	9.401	14		
15			0.001		9.623			0.003		9.558					9.488					0.004	9.397	15		
16			0.002		9.621			0.004		9.554					9.485					0.003	9.394	16		
17			0.001		9.620			0.004		9.550					9.481					0.003	9.391	17		
18			0.001		9.619			0.003		9.547					9.477					0.003	9.388	18		
19			0.002		9.617			0.003		9.544					9.472					0.003	9.385	19		
20			0.002		9.615			0.002		9.542					9.468					0.003	9.382	20		
21			0.001		9.614			0.003		9.539					9.465					0.003	9.379	21		
22			0.002		9.612			0.001		9.538					9.462					0.003	1906.624	1916.000	22	
23			0.002		9.610			0.001		9.537					9.460					0.581	1915.419	1916.000	23	
24			0.003		9.607			0.002		9.535					9.458					0.580	1914.839	1916.000	24	
25			0.0		9.607			0.002		9.533					9.455					0.578	+1.739	1916.000	1916.000	25
26			0.001		9.606			0.003		9.530					9.452					0.0		1916.000	1916.000	26
27			0.002		9.604			0.003		9.527					9.450							1916.000	1916.000	27
28			0.002		9.602			0.001		9.526					9.449							1916.000	1916.000	28
29			0.003		9.599			0.0		9.526					9.447							1916.000	1916.000	29
30			0.003		9.596			0.002		9.524					9.445							1916.000	1916.000	30
31			0.002		9.594			0.002		9.524					9.443							1916.000	1916.000	31
TOTAL			0.047					0.070						0.081						1.806	1908.367		TOTAL	
DAY	JULY 1980					AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY			
1					1916.000	21.8	0.825			1488.999				58.500	0.004	5.105				0.0		a All water released to Wutchurna Water Company for transfer.	1	
2					1916.000	21.8	0.825			1486.342				5.105	0.0								2	
3					1916.000	21.8	0.802			1443.740				0.0									3	
4					1916.000	21.8	0.721			1421.219													4	
5		0.0	0.0		1916.000	21.8	0.726			1398.693													5	
6		9.9	0.663		1905.437	23.1	0.732			1374.861													6	
7		15.9	0.661		1888.876	23.8	0.709			1350.352													7	
8		15.9	0.659		1872.317	23.8	0.715			1325.836													8	
9		15.9	0.605		1855.812	23.8	0.776			1301.260													9	
10		15.9	0.689		1839.283	26.3	0.774			1274.186													10	
11		15.9	0.678		1822.705	26.5	0.747			1246.939													11	
12		15.9	0.625		1806.180	22.1	0.721			1224.118													12	
13		15.9	0.754		1789.586	45.8	0.686			1177.632													13	
14		15.9	0.701		1772.985	51.6	0.529			1125.503													14	
15		15.9	0.778		1756.247	50.6	0.436			1074.467													15	
16		13.4	0.833		1742.014	57.3	0.480			1016.687													16	
17		11.9	0.708		1729.410	60.7	0.489			955.498													17	
18		11.9	0.705		1716.804	62.8	0.439			892.259													18	
19		11.9	0.709		1704.195	63.5	0.341			828.418													19	
20		11.9	0.846		1691.449	63.5	0.412			764.506													20	
21		11.9	0.984		1678.565	63.5	0.362			700.644													21	
22		11.9	0.933		1665.732	63.5	0.296			636.848													22	
23		11.9	0.777		1653.055	63.5	0.307			573.041													23	
24		13.2	0.941		1638.914	63.5	0.355			509.215													24	
25		13.9	0.595		1624.419	63.5	0.291			445.424													25	
26		13.9	0.871		1609.648	63.5	0.219			381.795													26	
27		13.9	0.878		1594.870	63.5	0.192			318.013													27	
28		16.4	0.936		1577.934	63.5	0.172			254.341													28	
29		20.3	0.830		1556.404	63.5	0.113			190.788													29	
30		21.8	0.474		1534.130	63.5	0.074			127.154													30	
31		21.8	0.705		1511.624	63.5	0.085			63.609													31	
TOTAL		384.9	19.476			1432.7	15.315							63.605	0.004								TOTAL	

Table C-41

NODOC DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY								
						IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE									
1						0.001				7.956				0.001				7.903		0.001				0.001				7.872	1
2						0.002				7.954				0.001				7.902		0.001				0.001				7.871	2
3						0.003				7.951				0.001				7.901		0.001				0.001				7.870	3
4						0.003				7.948				0.002				7.899		0.001				0.001				7.869	4
5						0.001				7.947				0.002				7.897		0.001				0.001				7.868	5
6						0.0				7.947				0.001				7.896		0.001				0.001				7.867	6
7						0.001				7.946				0.001				7.895		0.001				0.001				7.866	7
8						0.0				7.946				0.001				7.894		0.001				0.001				7.865	8
9						0.001				7.945				0.001				7.893		0.001				0.001				7.864	9
10	0.0					0.001				7.944				0.001				7.892		0.001				0.001				7.863	10
11	2.5		0.001		2.499	0.002				7.942				0.001				7.891		0.0				0.0				7.863	11
12	1.5		0.002		3.997	0.003				7.939				0.0				7.891		0.001				0.001				7.862	12
13	0.0		0.002		3.999	0.003				7.936				0.0				7.890		0.001				0.001				7.861	13
14			0.003		3.993	0.005				7.931				0.001				7.889		0.001				0.001				7.860	14
15			0.003		3.990	0.005				7.926				0.001				7.889		0.001				0.001				7.860	15
16			0.002		3.988	0.002				7.924				0.001				7.888		0.002				0.002				7.858	16
17			0.002		3.986	0.001				7.923				0.001				7.887		0.002				0.002				7.858	17
18			0.001		3.985	0.002				7.921				0.001				7.886		0.002				0.002				7.854	18
19			0.001		3.984	0.002				7.920				0.002				7.884		0.001				0.001				7.853	19
20			0.003		3.981	0.002				7.917				0.001				7.883		0.002				0.002				7.851	20
21			0.003		3.978	0.002				7.915				0.002				7.881		0.002				0.002				7.849	21
22			0.002		3.976	0.002				7.913				0.001				7.880		0.003				0.003				7.846	22
23			0.002		3.974	0.002				7.911				0.0				7.880		0.003				0.003				7.843	23
24			0.002		3.972	0.001				7.910				0.001				7.879		0.001				0.001				7.842	24
25			0.002		3.970	0.002				7.908				0.001				7.878		0.001				0.001				7.841	25
26	0.0		0.001		3.969	0.002				7.906				0.001				7.877		0.003				0.003				7.838	26
27	2.5		0.002		6.467	0.001				7.905				0.0				7.877		0.003				0.003				7.835	27
28	1.5		0.002		7.965	0.002				7.905				0.001				7.876		0.003				0.003				7.832	28
29	0.0		0.002		7.960	0.002				7.905				0.001				7.875		0.003				0.003				7.829	29
30			0.001		7.959	0.001				7.904				0.001				7.874		0.003				0.003				7.826	30
31			0.002		7.957	0.002				7.903				0.001				7.873		0.003				0.003				7.823	31
TOTAL	8.0		0.043						0.053					0.031						0.050									TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY								
1			0.003		7.820	59.6		0.008		67.375	0.073			249.233	122.4		0.512		1.289				0.670				1.289	1	
2			0.003		7.817	47.2		0.034		114.561	0.090			249.143	136.3		0.550		1.425				0.670				1.425	2	
3			0.003		7.814	6.8		0.015		121.346	0.053			249.090	132.4		0.653		1.557				0.670				1.557	3	
4			0.014		7.814	0.0		0.014		121.332	0.017			249.073	126.7		0.689		1.653				0.670				1.653	4	
5			0.002		7.812			0.042		121.296	0.034			249.039	112.3		0.576		1.794				0.670				1.794	5	
6			0.001		7.811			0.098		121.262	0.085			248.994	94.2		0.523		1.888				0.670				1.888	6	
7			0.0		7.811			0.041		121.221	0.067			248.957	87.7		0.771		1.975				0.670				1.975	7	
8			0.0		7.811			0.040		121.181	0.050			253.837	87.7		1.020		2.028				0.670				2.028	8	
9			0.001		7.811			0.013		121.168	0.050			256.787	106.0		1.060		2.167				0.670				2.167	9	
10			0.001		7.810			0.013		121.155	0.050			256.737	109.5		1.009		2.275				0.670				2.275	10	
11			0.001		7.809			0.03		121.142	0.033			256.704	125.2		0.953		2.399				0.670				2.399	11	
12			0.001		7.809			0.037		121.105	0.048			256.656	128.6		1.509		2.526				0.670				2.526	12	
13			0.001		7.807			0.037		121.068	0.054			256.608	126.5		1.716		2.651				0.670				2.651	13	
14			0.001		7.806			0.036		121.032	0.063			256.539	128.2		1.657		2.778				0.670				2.778	14	
15			0.001		7.805	0.0		0.035		120.997	0.046			256.493	130.3		1.510		2.907				0.670				2.907	15	
16			0.001		7.804	3.7		0.048		120.969	0.098			256.401	135.4		1.549		3.040				0.670				3.040	16	
17			0.001		7.803	21.0		0.068		145.581	0.081			256.310	127.9		1.489		3.167				0.670				3.167	17	
18			0.002		7.801	52.9		0.054		198.427	0.075			256.235	89.2		1.309		3.295				0.670				3.295	18	
19			0.001		7.800	30.0		0.082		229.345	0.103			256.132	69.4		1.263		3.423				0.670				3.423	19	
20			0.001		7.799	3.0		0.081		231.264	0.119			301.113	69.4		1.333		3.551				0.670				3.551	20	
21			0.002		7.797	0.0		0.080		231.184	0.148			383.765	70.3		1.450		3.680				0.670				3.680	21	
22			0.002		7.795			0.059		231.125	0.177			471.788	68.6		1.254		3.808				0.670				3.808	22	
23			0.002		7.793			0.058		231.067	0.177			559.298	57.7		1.471		3.937				0.670				3.937	23	
24			0.002		7.791	0.0		0.076		230.991	0.265			646.727	56.9		1.278		4.065				0.670				4.065	24	
25			0.001		7.790	6.8		0.058		237.733	0.330			734.097	50.6		1.595		4.194				0.670				4.194	25	
26			0.002		7.788	9.1		0.098		246.735	0.7			821.435	47.3		1.921		4.323				0.670				4.323	26	
27			0.002		7.786	3.0		0.039		249.696	0.394			908.341	24.6		2.131		4.451				0.670				4.451	27	
28			0.002		7.784	0.0		0.077		249.619	0.422			996.619	10.9		1.591		4.580				0.670				4.580	28	
29			0.001		7.783			0.089		249.530	0.55			1073.669	4.1		1.852		4.709				0.670				4.709	29	
30			0.001		7.783			0.111		249.306	0.487			1167.792	0.0		1.459		4.838				0.670				4.838	30	



Table C-41 (Cont'd)

MODOC DITCH COMPANY

DAY	APRIL 1979					MAY 1979					JUNE 1979					JULY 1979					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1	107.9		0.323		3072.489	33.6		1.238		5705.817	0.0		2.767		6173.290	82.6		2.042		4535.793	1	
2	108.3		0.763		3180.026	46.6		1.231		5751.186			3.7		6216.912	76.8		1.793		4457.800	2	
3	103.1		0.775		3082.351	30.8		1.573		5780.413			6.0		6328.503	73.9		1.626		4381.674	3	
4	105.8		0.894		3387.257	28.3		1.731		5806.982			12.2		6344.170	60.7		1.621		4299.353	4	
5	113.1		0.907		3499.450	35.7		1.665		5841.017			15.9		6325.984	90.3		1.541		4207.512	5	
6	118.5		0.456		3617.494	23.3		1.484		5868.833	15.9		2.583		6307.561	102.5		1.695		4103.317	6	
7	119.8		0.691		3736.603	6.0		0.898		5877.935	28.3		2.097		6077.164	103.9		1.768		3997.649	7	
8	118.3		0.932		3851.971	9.9		0.664		5877.171	37.0		2.597		6097.567	97.2		1.927		3896.282	8	
9	118.5		0.707		3969.764	15.8		1.438		5879.533	46.4		2.588		5988.579	96.1		2.247		3800.175	9	
10	115.1		0.833		4094.031	32.0		1.771		5921.762	51.6		2.743		5934.236	134.9		1.839		3683.436	10	
11	104.4		0.725		4187.706	41.7		1.998		5961.464	51.6		3.065		5879.571	141.4		1.905		3536.531	11	
12	93.9		0.732		4280.874	41.7		2.437		6000.727	52.8		2.476		5824.295	157.2		1.714		3379.417	12	
13	104.7		0.987		4394.587	35.5		2.632		6033.595	48.6		2.068		5773.627	168.8		1.827		3208.990	13	
14	118.1		1.243		4501.444	31.7		2.705		6062.590	50.6		1.911		5721.116	205.6		1.765		3000.625	14	
15	106.7		1.369		4606.775	25.5		2.234		6065.856	56.0		1.841		5663.275	204.5		1.837		2794.888	15	
16	98.2		1.247		4703.728	21.8		1.881		6105.755	56.8		1.988		5602.547	217.8		1.889		2574.599	16	
17	98.2		0.674		4801.054	20.6		2.156		6124.219	62.0		1.513		5539.034	282.3		1.516		2320.783	17	
18	95.1		1.033		4895.344	19.8		2.009		6142.010	69.7		1.931		5467.403	262.4		1.940		2087.251	18	
19	90.1		1.151		4984.090	19.8		2.058		6159.752	75.9		1.930		5395.573	285.9		1.507		1759.436	19	
20	89.5		1.299		5072.291	19.8		2.008		6177.544	66.2		1.943		5321.430	314.3		0.984		1454.952	20	
21	94.0		1.312		5164.979	19.8		1.487		6195.857	59.5		2.094		5259.836	322.4		0.512		1132.040	21	
22	97.5		1.326		5261.153	7.4		1.458		6201.799	59.5		1.763		5191.573	303.8		0.533		827.707	22	
23	98.2		1.334		5358.019	0.0		1.526		6200.273	57.0		1.846		5139.727	302.6		0.318		524.389	23	
24	98.2		1.351		5454.866	0.0		2.009		6192.200	58.0		2.099		5079.628	298.5		0.170		225.919	24	
25	54.8		1.085		5508.581			2.134		6196.110	60.0		2.097		5015.621	295.9		0.0		0.0	0.0	25
26	28.8		0.893		5536.578			2.268		6193.851	72.2		1.750		4941.671							26
27	32.5		1.058		5468.020			1.895		6192.965	79.9		1.306		4859.865							27
28	36.0		1.171		5602.849			1.725		6190.241	75.1		1.900		4762.865							28
29	36.7		1.534		5638.015	0.0		1.888		6188.353	72.6		1.727		4703.538							29
30	36.7		1.260		5673.455	5.0		2.146		6181.207	81.3		1.803		4620.435							30
31						3.0		2.150		6176.057												31
TOTAL	2738.7		30.157			567.1	8.0	56.498			1491.3	64.322				4585.5	34.916					TOTAL
DAY	OCTOBER 1979					NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					TOTAL	
1						0.002				3.979			0.001		3.939			0.0		3.909	1	
2						0.002				3.977			0.002		3.937			0.001		3.908	2	
3						0.002				3.975			0.002		3.935			0.0		3.908	3	
4						0.002				3.974			0.002		3.933			0.0		3.908	4	
5						0.002				3.972			0.002		3.932			0.0		3.908	5	
6						0.002				3.970			0.001		3.931			0.001		3.907	6	
7						0.002				3.968			0.001		3.930			0.001		3.906	7	
8						0.002				3.966			0.002		3.928			0.001		3.905	8	
9						0.001				3.965			0.001		3.927			0.001		3.905	9	
10						0.001				3.964			0.001		3.926			0.001		3.905	10	
11						0.001				3.963			0.0		3.926					3.905	11	
12						0.002				3.961			0.001		3.925					3.905	12	
13						0.002				3.959			0.001		3.924					3.905	13	
14						0.001				3.958			0.001		3.923					3.905	14	
15						0.002				3.956			0.001		3.922					3.905	15	
16						0.002				3.954			0.001		3.921					3.905	16	
17						0.001				3.953			0.001		3.920					3.905	17	
18						0.001				3.952			0.002		3.918					3.905	18	
19	0.0		0.0		0.0	0.001				3.951			0.001		3.917					3.905	19	
20	2.5		0.001		2.499	0.001				3.950			0.001		3.916					3.905	20	
21	1.5		0.001		3.998	0.001				3.949			0.0		3.916					3.905	21	
22	0.0		0.002		3.996	0.001				3.948			0.001		3.915					3.905	22	
23			0.003		3.993	0.001				3.947			0.001		3.914					3.905	23	
24			0.003		3.990	0.001				3.946			0.001		3.913					3.905	24	
25			0.001		3.989	0.001				3.945			0.001		3.912					3.905	25	
26			0.001		3.988	0.001				3.944			0.0		3.912					3.905	26	
27			0.001		3.987	0.001				3.943			0.001		3.911					3.905	27	
28			0.001		3.986	0.001				3.942			0.001		3.910					3.905	28	
29			0.001		3.985	0.001				3.941			0.001		3.909					3.905	29	
30			0.002		3.983	0.001				3.940			0.0		3.909					3.905	30	
31			0.002		3.981	0.001				3.940			0.0		3.909					3.905	31	
TOTAL	4.0		0.019			0.041					0.031					0.004						TOTAL
DAY	FEBRUARY 1980					MARCH 1980					APRIL 1980					MAY 1980					TOTAL	
1					3.905					3.894			0.001		3.874			0.001		3.847	1	
2					3.905					3.894			0.001		3.873			0.001		3.846	2	
3					3.905					3.894			0.001		3.872			0.001		3.845	3	
4					3.905					3.894			0.0		3.872			0.002		3.843	4	
5					3.905					3.894			0.0		3.872			0.001		3.842	5	
6					3.905				0.0	3.894			0.001		3.871			0.001		3.841	6	
7					3.905				0.001	3.893			0.001		3.870			0.001		3.840	7	
8			0.001		3.904				0.001	3.892			0.001		3.869			0.001		3.839	8	
9			0.001		3.903				0.001	3.891			0.001		3.868			0.001		3.839	9	
10			0.001		3.902				0.0	3.891			0.001		3.867			0.001		3.838	10	
11			0.001		3.901				0.001	3.890			0.001		3.866			0.001		3.837	11	
12			0.001		3.900				0.0	3.889			0.001		3.865			0.001		3.836	12	
13			0.0		3.900				0.00													

Table C-41 (Cont'd)

MODOC DITCH COMPANY

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
DAY	JUNE 1960					JULY 1960					AUGUST 1960					FOOTNOTES					DAY	
1			0.001		3,812					4792.000		93.3	1.895		3292.752						a All water released to Watchuna Water Company for transfer.	1
2			0.001		3,811					4792.000		93.3	1.868		3197.574						b Released because Terminus Reservoir above allowable storage.	2
3			0.001		3,810					4792.000		93.3	1.783		3102.551						c Storage adjusted to maximum allowable.	3
4			0.001		3,809					4792.000		99.5	1.523		3001.528							4
5			0.001		3,808		0.0	0.0		4792.000		103.2	1.504		2896.824							5
6			0.001		3,807		37.2	1.694		4752.146		110.6	1.482		2784.742							6
7			0.001		3,806		59.5	1.642		4621.004		121.3	1.398		2662.044							7
8			0.001		3,805		53.3	1.632		4636.072		125.0	1.370		2539.674							8
9			0.001		3,804		44.6	1.497		4589.975		125.0	1.437		2409.237							9
10			0.001		3,803		47.8	1.553		4540.622		128.7	1.384		2279.153							10
11			0.001		3,802		51.5	1.670		4487.452		117.3	1.295		2160.598							11
12			0.001		3,801		51.5	1.535		4434.417		112.8	1.206		2046.592							12
13			0.001		3,800		57.7	1.583		4378.874		117.6	1.123		1927.829							13
14			0.001		3,799		55.3	1.706		4317.868		127.7	0.846		1799.283							14
15			0.001		3,798		51.5	1.890		4264.478		134.1	0.676		1664.507							15
16			0.001		3,797		51.5	2.014		4210.964		137.4	0.721		1526.386							16
17			0.001		3,796		51.5	1.693		4157.771		136.4	0.712		1389.274							17
18			0.001		3,795		61.5	1.684		4094.587		136.2	0.617		1252.457							18
19			0.001		3,794		68.7	1.675		4028.212		136.1	0.459		1113.898							19
20			0.001		3,793		69.4	1.977		3952.835		136.9	0.526		974.472							20
21			0.001		3,792		69.4	2.276		3881.159		136.9	0.438		835.140							21
22			0.001	+4787.2	4792.000		68.2	2.135		3810.824		136.9	0.523		695.914							22
23			1.452		4789.548		47.6	1.769		3762.455		136.9	0.298		556.719							23
24			1.451		4788.097		37.0	2.138		3722.317		136.9	0.267		417.552							24
25			1.446	+4.4	4792.000		37.7	1.949		3683.268		136.9	0.182		278.470							25
26			0.0		4792.000		37.7	1.972		3643.996		151.3	0.073		127.097							26
27					4792.000		38.9	1.983		3602.713		127.1	0.0		0.0							27
28					4792.000		38.5	2.114		3562.099												28
29					4792.000		41.4	1.877		3518.822												29
30					4792.000		49.9	1.072		3467.850												30
31					4792.000		78.4	1.983		3387.867												31
TOTAL			4.371	+4792.6			1357.2	45.933				3362.6	25.270								TOTAL	

Table C-42

ST. JOHN'S DITCH COMPANY

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1								0.005		35,471			0.005		35,213			0.005		35,058	1
2								0.010		35,461			0.005		35,208			0.005		35,053	2
3								0.015		35,446			0.005		35,203			0.005		35,048	3
4								0.015		35,431			0.010		35,193			0.005		35,043	4
5								0.005		35,426			0.010		35,183			0.005		35,038	5
6								0.0		35,426			0.005		35,178			0.005		35,033	6
7								0.005		35,421			0.005		35,173			0.005		35,028	7
8								0.005		35,421			0.005		35,168			0.005		35,023	8
9								0.005		35,416			0.005		35,163			0.005		35,018	9
10								0.005		35,411			0.005		35,158			0.005		35,013	10
11	7.4		0.003		7,397			0.010		35,401			0.005		35,153			0.0		35,003	11
12	11.9		0.010		19,287			0.015		35,386			0.0		35,153			0.0		35,013	12
13	4.5		0.012		23,775			0.015		35,371			0.0		35,153			0.005		35,008	13
14	0.0		0.012		23,763			0.021		35,350			0.005		35,148			0.005		35,003	14
15			0.012		23,747			0.021		35,339			0.005		35,143			0.005		34,998	15
16			0.012		23,735			0.010		35,319			0.005		35,138			0.011		34,987	16
17			0.008		23,724			0.005		35,314			0.005		35,133			0.011		34,976	17
18			0.008		23,716			0.010		35,304			0.005		35,128			0.011		34,965	18
19			0.008		23,708			0.010		35,294			0.010		35,118			0.005		34,960	19
20			0.015		23,693			0.011		35,283			0.005		35,113			0.011		34,949	20
21			0.015		23,678			0.010		35,273			0.010		35,103			0.011		34,938	21
22			0.011		23,667			0.010		35,263			0.005		35,098			0.011		34,927	22
23			0.011		23,656			0.005		35,253			0.0		35,098			0.005		34,916	23
24			0.011		23,645			0.005		35,248			0.005		35,093			0.006		34,910	24
25			0.011		23,634			0.010		35,238			0.005		35,088			0.006		34,904	25
26	0.0		0.004		23,630			0.010		35,228			0.005		35,083			0.012		34,892	26
27	7.4		0.009		31,021			0.005		35,223			0.0		35,083			0.012		34,886	27
28	4.5		0.010		35,511			0.0		35,223			0.005		35,078			0.012		34,880	28
29	0.0		0.020		35,491			0.0		35,223			0.005		35,073			0.012		34,875	29
30			0.005		35,486			0.005		35,218			0.005		35,068			0.012		34,870	30
31			0.010		35,476			0.005		35,213			0.005		35,063			0.012		34,864	31
TOTAL	35.7		0.224						0.258					0.155					0.233		TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1			0.013		34,817	31.5		0.008		66,122			0.025		84,261	46.7		0.212		533,136	1
2			0.013		34,804	18.9		0.010		65,012			0.030		84,251	40.9		0.222		1373,016	2
3			0.013		34,791	0.0		0.010		65,002			0.018		84,233	43.1		0.258		616,658	3
4			0.0		34,791			0.010		84,992			0.006		84,227	46.7		0.271		663,087	4
5			0.007		34,784			0.009		84,953			0.012		84,215	48.6		0.228		711,459	5
6			0.007		34,777			0.019		84,944			0.009		84,186	50.0		0.211		761,246	6
7			0.0		34,777			0.008		84,916			0.023		84,163	50.2		0.316		811,132	7
8			0.0		34,777			0.008		84,888			0.016		84,146	50.2		0.300		860,902	8
9			0.0		34,777			0.009		84,879			0.016		84,130	48.5		0.445		908,957	9
10			0.006		34,771			0.009		84,870			0.016		84,114	48.8		0.424		957,333	10
11			0.006		34,765			0.009		84,861			0.011		84,103	43.5		0.397		1000,436	11
12			0.006		34,759			0.026		84,835			0.016		84,087	29.6		0.615		1029,421	12
13			0.006		34,753			0.026		84,809			0.018		84,069	22.5		0.681		1051,240	13
14			0.006		34,747			0.025		84,784			0.021		84,048	22.0		0.640		1070,600	14
15			0.006		34,741			0.025		84,759			0.015		84,033	26.5		0.570		1096,530	15
16			0.006		34,735			0.032		84,727			0.030		84,003	32.5		0.576		1130,454	16
17			0.005		34,730			0.039		84,688			0.037		83,973	42.2		0.551		1172,103	17
18			0.011		34,719			0.023		84,665			0.025		83,948	51.7		0.492		1223,311	18
19			0.005		34,714			0.030		84,635	0.0		0.034		83,914	54.5		0.509		1277,302	19
20			0.005		34,709			0.030		84,605	1.2		0.034		83,880	54.5		0.523		1331,279	20
21			0.010		34,699			0.029		84,576	32.6		0.045		117,635	32.9		0.572		1369,607	21
22			0.010		34,689			0.022		84,554	50.5		0.063		116,072	11.2		0.489		1374,318	22
23			0.010		34,679			0.021		84,533	50.2		0.076		218,136	3.5		0.566		1377,252	23
24			0.010		34,669			0.008		84,505	50.2		0.110		268,286	0.7		0.582		1377,430	24
25			0.005		34,664			0.020		84,485	50.2		0.143		318,343	0.0		0.596		1376,834	25
26			0.010		34,654			0.034		84,451	50.2		0.163		368,300			0.709		1376,125	26
27			0.010		34,644			0.033		84,430	25.0		0.171		393,099			0.782		1375,343	27
28			0.009		34,635			0.026		84,412	9.9		0.172		402,937			0.582		1374,761	28
29			0.005		34,630			0.030		84,382	35.1		0.184		417,853			0.577		1374,184	29
30								0.038		84,344	49.0		0.203		486,650			0.467		1373,687	30
31								0.038		84,366								0.533		1373,154	31
TOTAL			0.200			50.4		0.724			404.1		1.756			901.5		14,996			TOTAL
DAY	JUNE 1976					JULY 1976					OCTOBER 1976					NOVEMBER 1976					DAY
1			0.606		1372,548		41.8	0.337		565,490	23.6		0.005		23,599			0.009		20,511	1
2			0.527		1372,021		43.1	0.365		522,095	87.8		0.037		111,350			0.013		20,498	2
3			0.561		1371,460		43.3	0.300		478,425	59.1		0.055		170,403			0.014		20,484	3
4			0.634		1370,826		43.2	0.319		434,906	6.9		0.076		179,227			0.007		20,477	4
5			0.596		1370,230		43.2	0.300		391,406	0.0		0.094		179,133			0.019		20,458	5
6			0.559		1369,671		43.2	0.253		347,953			0.100		179,033			0.019		20,439	6
7			0.485		1369,186		43.2	0.228		304,525			0.139		178,894			0.015		20,424	7
8			0.412		1368,774		43.2	0.201		261,124			0.178		178,776			0.011		20,413	8
9	32.0		0.346		1336,398		43.2	0.182		217,760			0.136		178,640			0.011		20,402	9
10	51.2		0.218		1284,910		43.2	0.153		174,409			0.135		178,505			0.011		20,391	10
11	44.6	0.428		1239,882		43.2	0.113		131,098			0.115		178,399			0.004		20,387	11	
12	37.3	0.527		1202,055		43.2	0.072		87,826			0.114		178,276			0.0		20,387	12	
13	26.5	0.559		1172,996		43.2	0.040		44,586			0.133		178,143			0.004		20,383	13	
14	32.1	0.655		1140,241</																	



Table C-42 (Cont'd)

ST. JOHN'S OILCH COMPANY

Table with columns for DAY, STORAGE (IN, OUT), EVAPORATION, RELEASE ADJUSTMENT, ADJUSTED STORAGE, and MONTHS (DECEMBER 1976, JANUARY 1977, FEBRUARY 1977, MARCH 1977, APRIL 1977, MAY 1977, JUNE 1977, JULY 1977, AUGUST 1977, SEPTEMBER 1977, DECEMBER 1977, JUNE 1978). The table contains numerical data for each day from 1 to 31, including a final TOTAL row for each month.

Table C-42 (Cont'd)

ST. JOHN'S OIL COMPANY

		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																									
																						JULY 1978						AUGUST 1978						FEBRUARY 1979						MARCH 1979							
1		0.200				557.276	6.0		0.363		652.939						31.4		0.037		198.571	1																									
2		0.189				557.087	6.0		0.379		658.260						40.7		0.043		239.288	2																									
3		0.205				556.881	0.0		0.392		655.368						50.1		0.077		289.251	3																									
4		0.205				556.676	7.9	0.280		647.188							50.1		0.088		339.263	4																									
5		0.205				556.471	7.9	0.414		636.874							50.0		0.098		389.165	5																									
6		0.222				556.249	7.9	0.537		630.437							49.2		0.107		438.258	6																									
7		0.241				556.006	7.9	0.440		622.097							34.3		0.148		472.110	7																									
8		0.242				555.766	17.9	0.331		603.866							24.3		0.148		496.262	8																									
9		0.270				555.496	23.8	0.356		579.710							23.0		0.148		519.414	9																									
10		0.252				555.234	23.8	0.381		555.529							22.1		0.148		541.368	10																									
11		0.219				555.015		0.306		531.423							22.3		0.109		563.559	11																									
12		0.205				554.806	23.8	0.312		507.311							23.4		0.148		586.893	12																									
13		0.252				554.554	23.8	0.317		483.194							24.6		0.152		611.461	13																									
14		0.236				554.318	23.8	0.301		459.093							26.8		0.074		636.187	14																									
15		0.236				554.080	23.8	0.328		434.965							24.0		0.111		662.076	15																									
16		0.251				553.829	23.8	0.267		410.898							22.9		0.074		684.902	16																									
17		0.274				553.555	48.6	0.295		382.003							25.6		0.038		710.464	17																									
18		0.288				553.267	63.2	0.232		358.351							28.1		0.152		738.412	18																									
19		0.264				552.993	38.7	0.186		329.815							30.2		0.038		763.578	19																									
20		0.302				552.701	23.8	0.191		295.424		0.0			0.0	1.100	39.4		0.159		807.815	20																									
21	0.0	0.255				552.446	23.8	0.149		271.475		7.7		0.0		1.800	47.3		0.124		854.991	21																									
22	3.7	0.274				552.172	23.8	0.124		187.551		4.8		0.001		6.599	49.7		0.128		904.563	22																									
23	6.0	0.327				551.845	23.8	0.101		163.650		9.2		0.003		15.796	49.8		0.222		954.141	23																									
24	5.0	0.292				551.553	23.8	0.080		139.770		19.9		0.007		35.689	49.8		0.229		1003.712	24																									
25	6.0	0.164				551.284	23.8	0.080		115.890		38.1		0.014		67.775	49.7		0.282		1053.130	25																									
26	6.0	0.262				551.022	21.3	0.059		94.531		34.7		0.010		102.465	36.2		0.143		1089.187	26																									
27	6.0	0.286				550.766	13.8	0.076		76.652		89.0		0.025		131.440	22.8		0.231		1111.795	27																									
28	6.0	0.298				550.528	19.0	0.042		54.834		35.8		0.032		167.208	19.3		0.089		1130.967	28																									
29	6.0	0.281				550.297	19.8	0.029		35.005							20.5		0.175		1151.292	29																									
30	6.0	0.321				550.036	19.6	0.012		15.193							21.8		0.087		1173.005	30																									
31	6.0	0.334				549.732	15.2	0.0		0.0							24.0		0.215		1196.790	31																									
TOTAL		57.7		7.874			12.0	692.0	7.309			167.3		0.092			1033.6		4.018			TOTAL																									
																						APRIL 1979						MAY 1979						JUNE 1979						JULY 1979							
1	26.1					1222.762			0.378		1743.802		5.0	0.409		912.660		17.8	0.236		656.685	1																									
2	30.6					1223.061			0.373		1743.429		7.9	0.393		904.367		19.8	0.256		636.629	2																									
3	37.5					1220.256			0.474		1742.957		7.9	0.351		896.116		24.9	0.227		611.502	3																									
4	34.8					1324.106			0.350		1742.436		7.9	0.328		887.908		29.4	0.219		583.863	4																									
5	26.8					1350.556			0.350		1741.939		7.9	0.328		879.680		29.4	0.202		552.261	5																									
6	24.1					1374.483			0.441		1741.498		7.9	0.360		871.420		30.4	0.216		521.665	6																									
7	24.3					1398.524			0.266		1741.232		7.9	0.298		863.222		30.9	0.217		490.348	7																									
8	25.6					1423.779			0.197		1741.035		7.9	0.368		854.954		30.2	0.227		460.121	8																									
9	25.1					1448.621			0.425		1740.610		7.9	0.366		846.688		29.8	0.254		430.057	9																									
10	26.8					1475.125			0.500		1740.090		7.9	0.380		838.400		30.0	0.200		399.867	10																									
11	30.5					1505.365			0.583		1739.507		7.9	0.433		830.067		37.2	0.154		362.513	11																									
12	29.6					1534.703			0.706		1738.821		7.9	0.349		822.018		41.5	0.163		320.850	12																									
13	26.5					1560.332			0.758		1738.043		7.9	0.391		813.657		51.4	0.153		288.897	13																									
14	22.9					1583.315			0.775		1737.268		7.9	0.269		805.458		62.6	0.121		266.176	14																									
15	18.0					1600.839	0.0		0.638		1736.630		7.9	0.299		797.299		51.0	0.102		255.074	15																									
16	15.9					1616.311	5.0		0.536		1741.094		7.9	0.272		789.127		42.3	0.083		212.691	16																									
17	15.9					1631.914	5.0		0.616		1748.378		7.9	0.213		781.014		42.0	0.046		170.643	17																									
18	15.9					1647.473	7.9		0.574		1755.704		7.9	0.273		772.841		41.5	0.019		129.116	18																									
19	15.9					1662.989	7.9		0.389		1763.015		7.9	0.274		764.667		29.1			0.0	0.0	19																								
20	15.9					1678.459	7.9		0.576		1770.339		7.9	0.297		756.491							20																								
21	15.9					1693.929	7.9		0.427		1777.812		7.9	0.298		748.293							21																								
22	15.9					1709.398	3.0		0.418		1780.394		7.9	0.251		740.142							22																								
23	15.9					1724.868	0.0	0.0	0.438		1779.956		7.9	0.263		731.979							23																								
24	15.9					1740.336	124.0	0.545		1655.411		7.9	0.299		723.780								24																								
25	6.0					1755.992	395.6	0.430		1259.381		7.9	0.286		715.594								25																								
26	0.0					1745.739			0.357		574.524		7.9	0.251		707.443							26																								
27						1745.407			0.281		919.243		7.9	0.274		699.269							27																								
28						1745.042			0.0		921.988		7.9	0.274		691.095							28																								
29						1744.567			0.280		918.708		7.9	0.251		682.944							29																								
30						1744.180			0.319		918.389		7.9	0.263		674.781							30																								
31									0.320		918.069												31																								
TOTAL		557.7		10.310			47.5	859.1	14.511			234.1		9.188			671.6		3.155			TOTAL																									
																						OCTOBER 1979						NOVEMBER 1979						DECEMBER 1979						JANUARY 1980							
1						11.835			0.006		11.835		0.003		11.729			0.004		11.654	1																										
2						11.809			0.006		11.809		0.005		11.724			0.003		11.651	2																										
3						11.824			0.005		11.824		0.005		11.719			0.003		11.650	3																										
4						11.820			0.004		11.820		0.005		11.714			0.001		11.649	4																										
5						11.816			0.004		11.816		0.003		11.711			0.0		11.649	5																										
6						11.811			0.005		11.811		0.003		11.708			0.001		11.648	6																										
7						11.806			0.005		11.806		0.003		11.705			0.002		11.646	7																										
8						11.801			0.005		11.801		0.003		11.700			0.002		11.644	8																										
9						11.796			0.003		11.796		0.003		11.697			0.0		11.644	9																										
10						11.795			0.003		11.795		0.002		11.695			0.001		11.643	10																										
11						11																																									

Table C-42 (Cont'd)

ST. JOHN BITCH COMPANY

DAY	FEBRUARY 1980					MARCH 1980					APRIL 1980					MAY 1980					DAY		
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
1																						1	
2					11.629					11.592					11.533						11.451	2	
3					11.628					11.591					11.530						11.447	3	
4					11.628					11.590					11.527						11.444	4	
5					11.628					11.589					11.526						11.439	5	
6					11.627					11.588					11.526						11.435	6	
7					11.627					11.587					11.523						11.432	7	
8					11.626					11.585					11.521						11.429	8	
9					11.626					11.583					11.518						11.425	9	
10					11.622					11.581					11.515						11.425	10	
11					11.620					11.580					11.512						11.423	11	
12					11.618					11.578					11.508						11.421	12	
13					11.616					11.577					11.504						11.419	13	
14					11.616					11.575					11.500						11.417	14	
15					11.616					11.573					11.497						11.415	15	
16					11.615					11.571					11.494						11.412	16	
17					11.614					11.569					11.490						11.408	17	
18					11.613					11.567					11.485						11.403	18	
19					11.612					11.566					11.481						11.398	19	
20					11.608					11.564					11.477						11.392	20	
21					11.607					11.561					11.474						11.387	21	
22					11.605					11.560					11.471						11.384	22	
23					11.604					11.557					11.469						11.381	23	
24					11.603					11.556					11.468						11.379	24	
25					11.602					11.551					11.466						11.377	25	
26					11.600					11.551					11.463						11.374	26	
27					11.598					11.550					11.460						11.371	27	
28					11.596					11.548					11.457						11.368	28	
29					11.594					11.546					11.455						11.366	29	
30					11.593					11.543					11.455						11.364	30	
31					11.593					11.539					11.453						11.361	31	
TOTAL				0.037					0.057					0.083						0.095		TOTAL	
DAY	JUNE 1980					JULY 1980					AUGUST 1980					SEPTEMBER 1980					DAY		
1					11.355					671.000					656.490					19.8	0.131	188.776	1
2					11.352					671.000					652.109					19.8	0.122	168.654	2
3					11.349					671.000					647.749					19.6	0.112	148.942	3
4					11.346					671.000					643.423					19.8	0.108	129.034	4
5					11.343			0.0		671.000					639.091					19.8	0.094	109.150	5
6					11.340			0.234		670.766					634.753					19.8	0.077	89.273	6
7					11.336			0.235		670.531					630.422					19.8	0.066	69.427	7
8					11.332			0.236		670.295					626.094					19.8	0.055	49.562	8
9					11.328			0.219		670.076					621.773					19.8	0.080	29.772	9
10					11.324			0.229		669.847					617.441					19.8	0.005	9.964	10
11					11.320			0.249		669.598					603.111					10.0		0.0	11
12					11.317			0.232		669.366					597.435								12
13					11.314			0.288		669.084					583.704								13
14					11.310			0.264		668.820					569.646								14
15					11.306			0.296		668.524					558.631								15
16					11.302			0.320		668.204					548.591								16
17					11.298			0.272		667.932					538.541								17
18					11.294			0.275		667.657					528.510								18
19					11.290			0.278		667.379					518.525								19
20					11.287			0.334		667.045					508.494								20
21					11.283			0.391		666.654					498.483								21
22					671.000			0.373		666.281					488.503								22
23					670.766			0.313		665.968					478.526								23
24					670.531			0.382		665.586					468.543								24
25					670.295			0.244		665.342					458.568								25
26					671.000			0.360		664.982					448.591								26
27					671.000			0.366		664.616					438.517								27
28					671.000			0.394		664.222					428.536								28
29					671.000			0.354		663.863					418.568								29
30					671.000			0.205		663.663					408.594								30
31					671.000			0.309		660.854					398.627								31
TOTAL				0.688	+660.3 <sup>d</sup>			2.5	7.646				444.0	8.247					208.0	0.743		TOTAL	
DAY	FOOTNOTES																				DAY		
1	a 202.8 acre-feet released for diversion in St. Johns; 546.6 acre-feet diverted to Hodge Ditch Company.																				1		
2	b All water released to Matchanna Water Company for transfer.																				2		
3	c Released because Terrence Reservoir above allowable storage.																				3		
4	d Storage adjusted to maximum allowable.																				4		
5																					5		
6																					6		
7																					7		
8																					8		
9																					9		
10																					10		
11																					11		
12																					12		
13																					13		
14																					14		
15																					15		
16																					16		
17																					17		
18																					18		
19																					19		
20																					20		
21																					21		
22																					22		
23																					23		
24																					24		
25																					25		
26																					26		
27																					27		
28																					28		
29																					29		
30																					30		
31																					31		
TOTAL																					TOTAL		



Table C-44

OPERATIONS POOL

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
OCTOBER 1975					NOVEMBER 1975					MARCH 1976					APRIL 1976					DAY		
1						0.026	191.336			22.266	0.028	22.264			18.6	0.176				603.019	1	
2						0.053	191.396			24.5	0.028	46.756			18.6	0.224				621.395	2	
3						119.0	72.366			18.6	0.028	65.350			18.6	0.137				639.858	3	
4										0.0	0.010	83.940			18.6	0.046				658.412	4	
5										15.6	0.036	102.504			18.6	0.093				676.919	5	
6										15.8	0.028	121.276			18.6	0.237				695.282	6	
7										15.8	0.047	140.029			18.6	0.192				713.590	7	
8										15.7	0.053	158.676			18.6	0.145				732.145	8	
9										15.8	0.019	177.457			18.6	0.147				750.596	9	
10										15.7	0.021	196.136			18.6	0.148				769.050	10	
11	62.0		0.083		61.977					15.8	0.023	214.913			18.6	0.100				787.550	11	
12	37.2		0.052		99.125					15.8	0.072	233.641			18.6	0.151				805.999	12	
13	0.0		0.051		99.074					15.8	0.077	252.364			18.6	0.175				824.424	13	
14			0.050		99.024					15.7	0.083	270.983			18.6	0.206				842.848	14	
15			0.065		98.959					15.6	0.085	289.496			18.6	0.156				861.262	15	
16			0.048		98.811					15.6	0.117	307.981			18.6	0.315				879.547	16	
17			0.048		98.863					15.6	0.152	326.429			18.6	0.318				897.829	17	
18			0.032		98.831					15.5	0.095	344.834			18.6	0.268				916.161	18	
19			0.032		98.799					15.6	0.130	363.304			18.6	0.377				934.384	19	
20			0.063		98.736					15.6	0.135	381.759			18.5	0.377				952.507	20	
21			0.063		98.673					15.6	0.139	400.230			18.3	0.374				970.433	21	
22			0.047		98.626					15.6	0.107	418.723			25.7	0.375				989.758	22	
23			0.047		98.579					15.6	0.110	437.213			30.1	0.359				1009.499	23	
24			0.047		98.532					15.6	0.150	455.663			30.1	0.432				1029.067	24	
25			0.047		98.485					15.6	0.115	474.148			53.6	0.499				1048.268	25	
26	0.0		0.016		98.469					15.6	0.197	492.551			44.8	0.508				1111.960	26	
27	58.3		0.047		156.722					15.6	0.081	511.070			22.6	0.510				1174.050	27	
28	35.0		0.056		191.666					15.6	0.163	529.507			18.2	0.509				1134.741	28	
29	0.0		0.110		191.596					15.6	0.159	547.911			25.7	0.511				1195.007	29	
30			0.087		191.529					15.6	0.256	566.255			53.6	0.531				1270.000	30	
31			0.054		191.475					15.6	0.260	584.595									1354.741	31
TOTAL	192.5		1.025			191.364	0.109			587.566	2.971			694.0	8.595						TOTAL	
DAY	MAY 1976					JUNE 1976					JULY 1976					AUGUST 1976					DAY	
1	60.3		0.528		1329.772	18.6	1.356			3091.779	18.4	1.073			1798.887	23.8	0.664			1056.094	1	
2	78.1		0.544		1407.388	18.6	1.194			3109.185	18.4	1.243			1779.244	23.8	0.771			1031.513	2	
3	65.5		0.617		1472.211	31.0	1.284			3138.901	18.4	1.102			1759.742	23.8	0.770			1006.943	3	
4	45.0		0.621		1516.590	38.4	1.469			3175.832	18.4	1.278			1740.064	23.8	0.878			982.265	4	
5	35.8		0.499		1551.691	40.0	1.400			3213.052	18.4	1.317			1720.347	23.8	0.877			957.586	5	
6	30.6		0.438		1592.253	38.6	1.386			3250.306	18.4	1.238			1700.709	23.8	0.966			933.132	6	
7	30.2		0.659		1611.884	36.8	1.165			3287.941	18.4	1.260			1680.949	23.8	0.752			908.570	7	
8	30.8		0.819		1641.005	38.8	1.002			3325.739	18.4	1.282			1661.367	23.8	0.976			883.704	8	
9	33.8		0.819		1674.186	0.0	1.057		162.6	3162.082	18.4	1.219			1641.748	23.8	0.973			859.021	9	
10	34.8		0.757		1708.289	38.6	0.470			2762.812	18.4	1.419			1621.929	23.8	0.969			834.252	10	
11	64.1		0.704		1771.625	308.865	0.846			2453.101	18.4	1.355			1602.174	23.8	0.967			809.485	11	
12	800.7		1.178		1971.147	187.9	0.992			2264.209	18.4	1.290			1582.464	23.8	0.856			784.829	12	
13	249.8		1.437		2219.510	124.1	1.019			2139.090	18.4	1.414			1562.670	36.2	0.631			757.998	13	
14	232.8		1.465		2437.245	109.932	1.165			2057.993	18.4	1.234			1543.016	31.2	0.311			731.487	14	
15	184.8		1.371		2640.674	0.0	1.369			2026.624	12.3	0.983			1529.733	38.0	0.310			692.377	15	
16	120.9		1.404		2760.170	0.3	1.289			2095.035	6.5	1.001			1508.232	23.8	0.513			668.054	16	
17	62.3		1.327		2821.143	0.5	1.121			2023.414	8.5	1.225			1510.507	23.8	0.408			643.856	17	
18	26.9		1.145		2846.698	3.1	1.307			2019.007	20.0	1.241			1489.266	23.8	0.306			619.650	18	
19	20.2		1.241		2865.957	4.9	1.061			2013.046	32.3	1.145			1465.621	23.8	0.302			595.548	19	
20	20.2		1.135		2885.022	3.7	1.146			2008.200	32.3	1.173			1422.368	36.2	0.592			558.956	20	
21	19.0		1.215		2902.804	12.5	1.160			1994.540	32.3	1.270			1388.798	31.2	0.479			527.277	21	
22	18.2		1.059		2919.965	18.2	1.170			1975.170	44.7	1.061			1343.037	23.8	0.569			502.908	22	
23	18.2		1.120		2936.957	18.2	1.292			1955.718	52.1	0.949			1299.868	23.8	0.469			478.539	23	
24	18.4		1.120		2954.237	18.2	1.337			1936.181	34.4	1.269			1254.319	36.2	0.414			441.898	24	
25	18.4		1.288		2971.349	18.4	1.281			1916.700	23.8	1.287			1229.232	43.6	0.423			397.875	25	
26	18.4		1.539		2988.210	18.2	1.365			1897.135	23.8	1.185			1204.247	43.6	0.369			353.886	26	
27	18.4		1.707		3004.903	18.2	1.674			1877.261	23.8	0.758			1179.689	33.7	0.294			319.762	27	
28	18.4		1.279		3022.024	18.2	1.475			1857.586	23.8	1.090			1154.759	27.0	0.389			291.573	28	
29	18.6		1.277		3039.347	18.2	1.418			1837.960	23.8	1.090			1129.909	27.0	0.529			263.940	29	
30	18.6		1.075		3057.040	18.4	1.208			1818.360	23.6	1.058			1105.011	27.0	0.478			235.127	30	
31	18.7		1.195		3074.545						23.8	0.663			1080.548	25.3	0.284			209.543	31	
TOTAL	1637.1		32.555			224.2	1481.197	33.828			701.6	36.212			852.8	18.205					TOTAL	
DAY	SEPTEMBER 1976					OCTOBER 1976					NOVEMBER 1976					DECEMBER 1976					DAY	
1			83.062		0.254	186.227	0.0	1.0	0.004	16.262	77.2	0.075			161.699	0.008				22.011	1	
2			11.9		0.278	174.049	11.6	0.0	0.009	27.853	80.0	0.053			81.846	0.007				22.004	2	
3			11.9		0.293	161.926	14.6	0.013		42.440	29.8	0.035			52.011	0.008				21.996	3	
4			11.9		0.172	149.854	14.6	0.025		57.215	18.6	0.012			31.399	0.008				21.989	4	
5			11.9		0.159	137.795	14.9	0.038		72.077	11.2	0.020			0.008	0.008				21.980	5	
6			0.0	11.9	0.174	125.721	15.0	0.048		87.029	0.0	0.020			22.159	0.008				21.972	6	
7			0.5		0.185	126.076	15.2	0.079		102.350	0.0	0.016			22.143	0.008				21.964	7	
8			7.9		0.184	133.792	15.6	0.078		117.672	0.0	0.012			22.131	0.008				21.956	8	
9			7.9		0.133	141.561	15.9	0.102		133.4												

Table C-44 (Cont'd)

OPERATIONS POOL

DAY	JANUARY 1977					FEBRUARY 1977					MARCH 1977					APRIL 1977					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	14.4	0.009	0.008		52.018		2.2	0.062		395.056	15.7	0.187	0.187		744.233	6.6	0.629			1537.093	1
2	29.6	0.028	0.028		81.590		2.5	0.061		393.495	18.2	0.287	0.287		762.146	0.0	0.783			1536.310	2
3	71.3	0.066	0.066		152.864		7.7	0.119		375.676	10.3	0.288	0.288		772.158	0.0	0.776			1535.534	3
4	60.2	0.035	0.035		213.089		0.0	0.121		397.253	6.6	0.289	0.289		778.469	3.7	0.988			1538.306	4
5	21.9	0.038	0.038		234.951	11.7		0.127		418.788	6.6	0.290	0.290		784.779	6.0	0.992			1543.394	5
6	7.5	0.040	0.040		242.351	19.8		0.068		438.460	10.4	0.487	0.487		794.962	17.7	1.059			1560.055	6
7	10.9	0.041	0.041		253.210	19.8		0.138		458.122	14.0	0.359	0.359		808.697	24.6	1.060			1563.555	7
8	12.7	0.043	0.043		265.867	19.8		0.143		477.775	27.1	0.303	0.303		835.694	28.5	0.747			1607.308	8
9	13.1	0.046	0.046		278.921	19.8		0.073		497.506	37.0	0.104	0.104		871.990	24.6	0.445			1631.463	9
10	13.9	0.0	0.0		292.821	19.8		0.152		517.154	38.4	0.325	0.325		910.065	24.6	0.743			1655.380	10
11	13.9	0.051	0.051		306.670	24.1	0.158			568.096	38.6	0.337	0.337		948.328	23.3	0.889			1677.731	11
12	13.9	0.053	0.053		320.517	21.2	0.163			562.133	39.8	0.348	0.348		987.780	22.6	1.034			1699.297	12
13	12.7	0.054	0.054		333.163	19.1	0.167			560.766	39.2	0.359	0.359		1026.621	22.6	0.882			1721.015	13
14	15.4	0.053	0.053		348.753	19.8	0.099			600.607	37.2	0.370	0.370		1065.451	20.1	1.023			1740.692	14
15	15.3	0.0	0.0		364.063	11.1	0.262			611.445	35.1	0.380	0.380		1098.371	18.5	1.155			1767.414	15
16	15.1	0.061	0.061		379.108	5.1	0.262			616.283	38.0	0.129	0.129		1136.042	16.3	0.987			1774.730	16
17	18.3	0.063	0.063		397.339	5.8	0.0	0.063		621.820	39.2	0.403	0.403		1174.841	18.2	0.964			1793.386	17
18	6.2	0.064	0.064		403.475	0.0	0.8	0.348		620.672	38.6	0.275	0.275		1213.166	18.6	1.089			1809.102	18
19	4.2	0.065	0.065		407.610	0.0	1.6	0.344		618.728	38.6	0.421	0.421		1251.345	18.5	1.214			1826.388	19
20	4.2	0.0	0.065		411.745	0.0	2.3	0.171		616.257	37.3	0.431	0.431		1288.214	16.6	1.342			1843.646	20
21	0.0	0.0	0.065		411.880	5.7	0.0	0.0		621.957	37.7	0.587	0.587		1325.327	18.6	1.200			1861.046	21
22	0.0	3.2	0.064		407.316	13.5	0.172			635.285	30.8	0.744	0.744		1355.383	21.2	1.065			1881.181	22
23	0.0	6.4	0.063		404.453	14.3	0.087	0.087		650.098	26.0	0.607	0.607		1390.782	22.2	1.387			1901.054	23
24	3.2	0.0	0.063		404.590	15.1	0.087			665.111	25.8	0.455	0.455		1406.127	21.2	0.868			1923.328	24
25	0.0	0.0	0.0		404.590	15.2	0.265			680.046	25.8	0.153	0.153		1431.774	18.6	1.051			1938.877	25
26	2.2	0.062	0.062		402.328	15.4	0.269			695.177	26.1	0.618	0.618		1457.256	18.6	0.783			1956.494	26
27	0.0	0.062	0.062		402.266	15.5	0.181			710.496	25.754	0.780	0.780		1482.230	18.6	0.909			1974.385	27
28	0.0	0.062	0.062		402.204	15.5	0.276			725.720	14.4	0.624	0.624		1496.006	20.7	1.034			1992.051	28
29	0.0	0.062	0.062		402.142	15.5					12.5	0.783	0.783		1507.723	22.2	0.902			2015.349	29
30	3.7	0.062	0.062		398.118						11.7	0.689	0.689		1531.122	23.7	0.385			2036.664	30
TOTAL	378.1	16.0	1.409			349.3	17.1	4.798			813.254	12.852				533.8	26.298				TOTAL
DAY	MAY 1977					JUNE 1977					JULY 1977					AUGUST 1977					DAY
1	21.4	0.768	0.768		2057.296	90.3	1.846		2864.390	4.0	2.276	2.276		3621.587	66.8	2.930			2792.546	1	
2	21.1	0.764	0.764		2077.132	74.8	1.504		2977.686	4.0	2.585	2.585		3923.002	61.7	2.949			2707.993	2	
3	22.3	1.018	1.018		2096.914	44.0	1.732		2979.994	4.0	2.485	2.485		3624.517	81.5	2.734			2623.669	3	
4	21.9	1.021	1.021		2119.793	38.0	1.841		3016.113	4.0	2.246	2.246		3626.271	81.4	2.103			2540.166	4	
5	21.2	0.893	0.893		2140.100	38.0	1.494		3052.619	4.0	2.283	2.283		3627.988	81.4	2.316			2597.450	5	
6	25.7	0.756	0.756		2165.034	38.2	1.608		3089.211	4.0	2.467	2.467		3629.521	81.4	2.101			2372.949	6	
7	39.3	0.515	0.515		2184.819	38.2	1.956		3125.455	4.0	2.806	2.806		3630.715	69.0	1.686			2302.263	7	
8	23.1	0.256	0.256		2217.663	31.9	1.962		3156.293	0.0	22.120	2.536		3636.059	59.2	2.121			2281.048	8	
9	18.7	0.257	0.257		2236.106	121.1	0.351		3276.842	39.7	2.707	2.707		3653.652	47.368	2.148			2151.286	9	
10	18.6	0.513	0.513		2254.193	85.4	0.935		3316.307	39.7	2.572	2.572		3621.300	41.7	2.398			2177.288	10	
11	18.6	0.383	0.383		2272.410	22.9	1.398		3382.809	34.7	2.594	2.594		3484.086	15.6	2.231			2129.597	11	
12	22.3	0.512	0.512		2294.198	18.4	1.510		3399.699	26.8	2.776	2.776		3454.510	0.0	2.304			2127.293	12	
13	24.6	0.256	0.256		2318.542	18.6	1.507		3416.732	8.9	2.819	2.819		3442.791	2.369	2.369			2124.904	13	
14	24.6	0.510	0.510		2342.502	18.6	1.507		3433.885	0.0	2.871	2.871		3439.980	2.477	2.477			2122.427	14	
15	24.6	1.150	1.150		2365.952	18.6	1.743		3450.742					3436.988	2.571				2123.836	15	
16	24.6	0.889	0.889		2389.663	18.8	1.631		3467.911	0.0	2.159	2.159		3434.829	1.069				2118.787	16	
17	24.6	1.259	1.259		2412.994	18.8	1.869		3481.667	0.0	2.886	2.886		3431.943	0.0	0.278			2118.509	17	
18	24.6	0.892	0.892		2436.702	18.8	1.643		3501.999	14.9	2.914	2.914		3414.279	12.4	1.132			2129.787	18	
19	24.7	1.144	1.144		2460.258	19.0	1.647		3519.352	36.3	2.620	2.620		3375.359	19.8	2.401			2117.156	19	
20	23.3	1.263	1.263		2482.299	19.0	1.424		3536.928	43.8	2.651	2.651		3328.908	19.8	2.427			2164.529	20	
21	22.4	1.372	1.372		2503.323	19.2	1.920		3554.208	44.0	2.681	2.681		3282.227	19.8	2.452			2181.677	21	
22	22.2	0.982	0.982		2524.541	0.0	2.281		3545.202	44.0	2.891	2.891		3235.336	19.8	2.789			2198.888	22	
23	22.2	0.982	0.982		2546.135	19.4	2.322		3562.300	44.0	2.560	2.560		3188.776	19.8	2.507			2216.181	23	
24	22.2	0.721	0.721		2567.614	19.6	2.085		3579.181	44.0	2.592	2.592		3141.181	19.8	2.842			2229.739	24	
25	22.4	1.078	1.078		2588.936	17.0	2.104		3594.711	44.0	2.624	2.624		3096.557	0.0	2.222			2218.517	25	
26	22.4	1.073	1.073		2610.263	15.5	2.258		3607.955	40.2	2.849	2.849		3052.508	1.316				2216.601	26	
27	22.4	1.182	1.182		2631.481	8.3	2.410		3613.847	35.4	2.510	2.510		3014.598	0.0	2.250			2214.371	27	
28	27.2	1.290	1.290		2657.391	4.0	1.922		3615.927	25.2	2.757	2.757		2986.641	21.1	2.559			2190.678	28	
29	35.1	1.626	1.626		2690.865	4.0	1.821		3618.106	38.4	3.010	3.010		2951.231	33.7	2.559			2154.419	29	
30	38.0	1.631	1.631		2727.293	4.0	2.243		3619.863	41.2	3.255	3.255		2926.866	36.2	2.549			2115.679	30	
31	50.4	1.717	1.717		2775.936				3619.863	42.0	2.490	2.490		2866.270	37.7	2.203			2075.776	31	
TOTAL	767.7	28.428			902.4	6.725	51.748			26.0	703.320	82.267			118.8	835.660	69.632				TOTAL
DAY	SEPTEMBER 1977					DECEMBER 1977					SEPTEMBER 1978					FEBRUARY 1979					DAY
1	37.7	2.500			8035.575	0.025	0.025		125.899												1
2	37.7	2.171			199																

Table C-44 (Cont'd)

OPERATIONS POOL

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
MARCH 1979																					
1	205.6		0.169		896.059	240.5		0.631		6194.699			664.5	0.609	2803.982			59.6	0.079		1
2	132.7		0.185		1028.574	167.6		1.527		6360.772			664.7	0.437	2138.825			59.6	0.052	100.254	2
3	51.2		0.286		1079.488	120.5		1.531		6479.781			664.6	0.400	1873.825			40.6		40.622	3
4	53.2		0.399		1132.393	139.6		1.759		6617.596			664.6	0.281	808.954					0.0	4
5	53.9		0.598		1185.995	209.9		1.769		6825.723			664.6	0.042	144.342						5
6																					6
7	70.0		0.307		1255.688	272.2		0.892		7097.031			144.3	0.0	0.0						7
8	185.1		0.451		1340.337	272.6		1.364		7360.287											8
9	276.1		0.511		1715.926	247.2		1.843		7613.624											9
10	277.8		0.567		1993.159	250.8		1.401		7863.083											10
11	261.9		0.608		2254.451	124.6		1.625		7995.998											11
12	263.5		0.489		2517.462	45.6		1.390		8030.208											12
13	286.6		0.697		2803.365	17.9		1.376		8046.739											13
14	277.4		0.764		3080.001	6.7		1.811		8051.621											14
15	293.1		0.387		3394.714	0.0		2.222		8049.399											15
16	288.9		0.593		3533.021			2.390		8047.009											16
17	266.0		0.409		3798.612			2.527		8044.482											17
18	282.6		0.214		4024.998			1.463		8043.019											18
19	179.2		0.867		4203.331	0.0		1.665		8041.354											19
20	156.7		0.219		4359.812	129.3		1.809		7911.225											20
21	105.2		0.879		4404.133	194.1		1.976		7718.149											21
22	59.5		0.677		4322.976	187.9		1.913		7528.396											22
23	46.7		0.649		4569.027	186.3		1.811		7501.185											23
24	37.3		1.072		4609.295	190.1		1.781		7348.304											24
25	32.1		1.057		4636.298	192.3		1.725		6954.279											25
26	33.4		1.253		4668.445	399.5		1.292		6553.487											26
27																					27
28	125.9		0.627		4793.718	554.7		0.869		5997.918											28
29	202.2		1.039		4994.879	568.2		1.032		5428.686											29
30	215.3		0.411		5209.768	627.9		1.003		4800.183											30
31	225.2		0.289		4848.443	664.6		1.123		4138.460											31
32	245.3		0.421		5679.322	664.6		0.769		3469.091											32
33	276.6		1.072		5954.850																33
TOTAL	5982.5		18.274			2115.7	4555.1	46.359					3467.3	1.749				159.8	0.111		TOTAL
MAY 1979																					
OCTOBER 1979																					
TOTAL																					
JULY 1980																					
AUGUST 1980																					
FOOTNOTE																					
1						0.0		0.262		471.590	Released because Terminus Reservoir above allowable.										1
2						16.6		0.264		452.726											2
3						34.7		0.231		417.795											3
4						68.6		0.178		348.973											4
5	0.0	0.0		0.0		75.3		0.142		273.531											5
6																					6
7	90.6		0.030		90.570					21.642											7
8	138.6		0.260		229.090	251.9		0.012		0.0											8
9	74.1		0.108		303.082	21.6															9
10	19.1		0.105		322.077																10
11	7.9		0.112		329.865																11
12	7.9		0.125		337.640																12
13	7.9		0.119		345.421																13
14	7.9		0.148		353.173																14
15	37.6		0.166		410.611																15
16	41.4		0.201		451.810																16
17																					17
18	10.2		0.220		461.790																18
19	8.0		0.191		469.599																19
20	8.0		0.196		477.403																20
21	8.0		0.203		485.200																21
22	8.0		0.246		492.994																22
23																					23
24		13.0	0.282		479.672																24
25		25.6	0.255		453.217																25
26		25.7	0.201		427.916																26
27		4.7	0.244		422.972																27
28		7.9	0.157		430.735																28
29		7.9	0.238		438.377																29
30		7.9	0.245		446.032																30
31		7.9	0.269		453.663																31
32		7.9	0.246		461.317																32
33		7.9	0.144		469.073																33
34		3.0	0.221		471.852																34
TOTAL	545.6	69.0	4.748				470.8	1.009													TOTAL
TOTAL																					

Table C-45

TULARE COUNTY RECREATIONAL STORAGE  
(in acre-feet)\*

Month	Water Year				
	1975-76	1976-77	1977-78	1978-79	1979-80
October	7581	7148	7090	6707	6500
November	7553	7386	7057	7090	6480
December	7549	7646	7060	7105	6477
January	7534	8029	7078	7122	6500
February	7524	8000	7080	7124	6509
March	7499	7952	7094	7115	6509
April	7595	7864	7101	7096	6490
May	7535	7807	7068	7063	6465
June	7449	7720	7032	7010	6435
July	7312	7573	6975	6916	6382
August	7146	7396	6869	6749	6306
September	7016	7226	6792	6581	6194

\*Total in storage on the last day of the month.















## CONVERSION FACTORS

Quantity	To Convert from Metric Unit	To Customary Unit	Multiply Metric Unit By	To Convert to Metric Unit Multiply Customary Unit By
Length	millimetres (mm)	inches (in)	0.03937	25.4
	centimetres (cm) for snow depth	inches (in)	0.3937	2.54
	metres (m)	feet (ft)	3.2808	0.3048
	kilometres (km)	miles (mi)	0.62139	1.6093
Area	square millimetres (mm <sup>2</sup> )	square inches (in <sup>2</sup> )	0.00155	645.16
	square metres (m <sup>2</sup> )	square feet (ft <sup>2</sup> )	10.764	0.092903
	hectares (ha)	acres (ac)	2.4710	0.40469
	square kilometres (km <sup>2</sup> )	square miles (mi <sup>2</sup> )	0.3861	2.590
Volume	litres (L)	gallons (gal)	0.26417	3.7854
	megalitres	million gallons (10 <sup>6</sup> gal)	0.26417	3.7854
	cubic metres (m <sup>3</sup> )	cubic feet (ft <sup>3</sup> )	35.315	0.028317
	cubic metres (m <sup>3</sup> )	cubic yards (yd <sup>3</sup> )	1.308	0.76455
	cubic dekametres (dam <sup>3</sup> )	acre-feet (ac-ft)	0.8107	1.2335
Flow	cubic metres per second (m <sup>3</sup> /s)	cubic feet per second (ft <sup>3</sup> /s)	35.315	0.028317
	litres per minute (L/min)	gallons per minute (gal/min)	0.26417	3.7854
	litres per day (L/day)	gallons per day (gal/day)	0.26417	3.7854
	megalitres per day (ML/day)	million gallons per day (mgd)	0.26417	3.7854
	cubic dekametres per day (dam <sup>3</sup> /day)	acre-feet per day (ac-ft/day)	0.8107	1.2335
Mass	kilograms (kg)	pounds (lb)	2.2046	0.45359
	megagrams (Mg)	tons (short, 2,000 lb)	1.1023	0.90718
Velocity	metres per second (m/s)	feet per second (ft/s)	3.2808	0.3048
Power	kilowatts (kW)	horsepower (hp)	1.3405	0.746
Pressure	kilopascals (kPa)	pounds per square inch (psi)	0.14505	6.8948
	kilopascals (kPa)	feet head of water	0.33456	2.989
Specific Capacity	litres per minute per metre drawdown	gallons per minute per foot drawdown	0.08052	12.419
Concentration	milligrams per litre (mg/L)	parts per million (ppm)	1.0	1.0
Electrical Conductivity	microsiemens per centimetre (µS/cm)	micromhos per centimetre	1.0	1.0
Temperature	degrees Celsius (°C)	degrees Fahrenheit (°F)	(1.8 × °C) + 32	(°F - 32) / 1.8

State of California—Resources Agency  
Department of Water Resources  
P.O. Box 388  
Sacramento  
95802

